

456.a.13

THE  
*COELESTIAL DIARY:*  
OR, AN 1763. 2465  
E P H E M E R I S  
For the YEAR of  
Our Blessed SAVIOUR's Incarnation,  
1763.

Being the third after Bissextile, or Leap-Year, and from the Creation of the World, according to the best of History, 5710 Years.

Wherein is contained the Motions, Aspects, and Operations of the Planets; with Observations on the Eclipses and Solar Ingresses; with other remarkable Passages, as the Moon's Southing, Sun and Moon's Rising and Setting, and Monthly Observations, in a Poetical Manner, the like not extant, &c

Calculated according to ART, and referred to the Meridian of the Middle of *GREAT BRITAIN*, fitting the whole Monarchy without sensible Error

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The forty-fifth Impression.

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By SALEM PEARSE,  
Student in Phyfick and the Coelestial Sciences.

*Lift up your Eyes to the Heavens, and look upon the Earth beneath: for the Heavens shall vanish away like Smoke, and the Earth shall wax old like a Garment, and they that dwell therein shall die in like manner.* Isaia li. 6.

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*Ephemerides. 1.*

The Regal Table.

Kings Names.		Reig. b.g.	N	Kings Names.		Reig. b.g.	N	A T	
1 King Egbert		819	17	28 Henry III.		1216	56		
2 Ethelwoif		936	19	29 Edward I.		1272	35		
3 Ethelbald		855	5	30 Edward II.		1307	20	1	0
4 Ethelbert		860	6	31 Edward III.		1327	50	2	0
5 Ethelred		866	0	32 Richard II.		1377	22	3	0
6 Alfred		872	29	Line of Lancaster.				1	0
7 Edward I.		901	23	33 Henry IV.		1399	13	1	0
8 Ethelstan		924	16	34 Henry V.		1412	10	2	0
9 Edmond I.		940	6	35 Henry VI.		1422	39	3	9
10 Eldred		946	6	Line of York.		2	0		
11 Edwin		955	4	36 Edward IV.		1461	22	1	1
12 Edgar		959	16	37 Edward V.		1483	0	2	1
13 Edward II.		975	3	38 Richard III.		1483	2	3	1
14 Ethelred II.		978	3	Families United		3	0		
15 Edmond II.	Danish Line.	1016	1	39 Henry VII.		1485	23	1	
16 Canutus I.		1017	18	40 Henry VIII.		1509	38	2	
17 Harold I.		1035	5	41 Edward VI.		1546	7	3	
18 Canutus II.		1040	2	42 Q. Mary I.		1553	5	4	0
19 Edward Confessor		1042	24	43 Q. Elizabeth		1558	44	1	
20 Harold II.	Norman Line.	1066	1	44 James I.		1602	22	3	2
				45 Charles I.		1625	26	5	0
21 William Conq.		1067	20	46 Charles II.		1648	3	1	2
22 William Rufus		1087	13	47 James II.		1684	34	2	2
23 Henry I.		1100	35	48 Mary II.		1688	6	3	2
24 Stephen	Saxon Line.	1135	19	49 William III.		1702	12	6	0
25 Henry II.		1154	35	50 Q. Anne		1714	13		
26 Richard I.		1189	10	51 K. George I.		1727	34		
27 John		1199	17	52 K. George II.		1760	3		
				53 K. George III.		1761			
				Q. Charlotte: Crown'd.					
				Whom God preserve.					

The King's Favour's like the Morning Dew,  
Life, Pleasure, also Profitable too;  
And where is he that would not purchase these,  
And strive each Day our Royal George to please?

A TABLE for buying and selling of any Commodity by  
the great Hundred, which is 12 Pounds.

d. q.	l. s. d.	d. q.	l. s. d. d. q.	l. s. d.	d. q.	l. s. d.
1 0 2 4	1 2 18 4	1	5 14 4	1	8	10 4
2 0 4 8	2 3 0 8	2	5 16 8	2	8	12 8
3 0 7 0	3 3 3 0	3	5 19 0	3	8	15 0
1 0 0 9 4	7 0 3 5 4 13	0	6 1 4	19	0 8	17 4
1 0 11 8	1 3 7 8	1	6 3 8	1	8	19 8
2 0 14 0	2 3 10 0	2	6 6 0	2	9	2 0
3 0 16 4	3 3 12 4	3	6 8 4	3	9	4 4
2 0 0 18 8	8 0 3 14 8 14	0	6 10 8	20	0 9	6 8
1 1 1 0	1 3 17 0	1	6 13 0	1	9	9 0
2 1 3 4	2 3 19 4	2	6 15 4	2	9	11 4
3 1 5 8	3 4 1 8	3	6 17 8	3	9	13 8
3 0 1 8 0	9 0 4 4 0 15	0	7 0 0	21	0 9	16 0
1 1 10 4	1 4 6 4	1	7 2 4	1	9	18 4
2 1 12 8	2 4 8 8	2	7 4 8	2	10	0 8
3 1 15 0	3 4 11 0	3	7 7 0	3	10	3 0
4 0 1 17 4	10 0 4 13 4 16	0	7 9 4	22	0 10 5 4	
1 1 19 8	1 4 15 8	1	7 11 8	1	10	7 8
2 2 2 0	2 4 18 0	2	7 14 0	2	10	10 0
3 2 4 4	3 5 0 4	3	7 16 4	3	10	12 4
5 0 2 6 8	11 0 5 2 8 17	0	7 18 8	23	0 10 14 8	
1 2 9 0	1 5 5 0	1	8 1 0	1	10	17 0
2 2 11 4	2 5 7 4	2	8 3 4	2	10	19 4
3 2 13 8	3 5 9 8	3	8 5 8	3	11	1 8
6 0 2 16 0	12 0 5 12 0 18 0	8	8 0	24	0 11 4 0	

E X A M P L E.

At 3d. 17. a Pound, what is the Price of the Great Hundred? Look in the left Hand Column for 3 d. 2 q. and right against it in the next Column towards the Right Hand you will find 1 l. 12s. 8d.

Again, Suppose Goods were sold at 13d. a Pound, what is the Price of the great Hundred Weight? Look in the sixth Column towards the Right Hand Side of the Table, and you will find 6l. 1s. 4d. the Price thereof. This Table being so plain and easy, we need not trouble the Reader with any more Examples.

*Note*, For every Farthing that one Pound costs reckon 2s. 4d. and that is the Price of the great Hundred.

# A Table of INTEREST at five per Cent.

Pounds.	A Week.			One Month.		Two Months.		Three Months.		Six Months.		Nine Months.		A Year.						
	s.	d.	q.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.				
1	0	0	1	0	0	1	0	0	2	0	0	3	0	0	6	0	0	9	0	10
2	0	0	2	0	0	3	0	0	4	0	0	6	0	1	0	0	1	6	0	10
3	0	0	3	0	0	3	0	0	6	0	0	9	0	1	6	0	2	3	0	30
4	0	1	0	0	0	4	0	0	8	0	1	0	0	2	0	0	3	0	0	40
5	0	1	1	0	0	5	0	0	10	0	1	3	0	2	6	0	3	9	0	50
6	0	1	2	0	0	6	0	1	0	0	1	6	0	3	0	0	4	6	0	60
7	0	1	3	0	0	7	0	1	2	0	1	9	0	3	6	0	5	3	0	70
8	0	2	0	0	0	8	0	1	4	0	2	0	0	4	0	0	6	0	0	80
9	0	2	1	0	0	9	0	1	6	0	2	3	0	4	6	0	6	9	0	90
Enter in this Table under Pounds.																				
Pounds.	A Week.			One Month.		Two Months.		Three Months.		Six Months.		Nine Months.		A Year.						
	s.	d.	q.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.				
10	0	2	2	0	0	10	0	1	8	0	2	6	0	5	0	0	7	6	0	100
20	0	5	0	0	1	8	0	3	4	0	5	0	0	10	0	0	15	0	1	00
30	0	7	2	0	2	6	0	5	0	0	7	6	0	15	0	1	2	6	1	00
40	0	10	0	0	3	4	0	6	8	0	10	0	1	0	0	1	10	0	2	00
50	1	0	2	0	4	2	0	8	4	0	12	6	1	5	0	1	17	6	2	00
60	1	3	0	0	5	0	0	10	0	0	15	0	1	10	0	2	5	0	3	00
70	1	5	2	0	5	10	0	11	8	0	17	6	1	15	0	2	12	6	3	00
80	1	8	0	0	6	8	0	13	4	1	0	0	2	0	0	3	0	0	4	00
90	1	10	2	0	7	6	0	15	0	1	2	6	2	5	0	3	7	6	4	00
Enter in this Table under Pounds.																				
Pounds.	A Week.			One Month.		Two Months.		Three Months.		Six Months.		Nine Months.		A Year.						
	s.	d.	q.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.				
100	2	1	0	0	8	4	0	16	8	1	5	0	2	10	0	3	15	0	5	00
200	4	2	0	0	16	8	1	13	4	2	10	0	5	0	0	7	10	0	10	00
300	6	3	1	5	0	2	10	0	3	15	0	7	10	0	11	5	0	15	00	
400	8	4	0	1	13	4	3	6	8	5	0	10	0	0	15	0	0	20	00	
500	10	5	0	2	1	8	4	3	4	6	5	0	12	10	0	18	15	0	25	00
600	12	6	0	2	10	0	5	0	0	7	10	0	15	0	0	22	10	0	30	00
700	14	7	0	2	18	4	5	16	8	8	15	0	17	10	0	26	5	0	35	00
800	16	8	0	3	6	8	5	13	4	10	0	0	20	0	0	30	0	0	40	00
900	18	9	0	3	15	0	1	10	0	11	5	0	22	10	0	33	15	0	45	00
1000	20	10	0	4	3	4	3	6	8	12	10	0	25	0	0	37	10	0	50	00

Enter this Table on the Left-hand side under Pounds, with your Sum (that you would know the Interest of,) and in the Head of the Table for your Time, and in the Angle of meeting you will have your Desire.

### E X A M P L E.

Suppose the Sum were 80 l. I enter under Pounds with the same, and against the Sum I find for one Week 1 s. 8 d. For one Month 6 s. 8 d. For two Months 13 s. 4 d. For three Months 1 l. For six Months 2 l. For nine Months 3 l. For a Year 4 l. &c. With any other Sum you may do after the like manner.

# A general Tide-Table.

Quinbor. Portsm. Southam. Spithead. Isle of Wight.	Bristol, Lanin, Fulness and at the Start.	Dover. Yarm. Harw. and Calais	London, Tinm. Hartley, Whitb. Amster- dam.	Newca. Falm. Dart- mouth, Humb. Foy.	Plym. Weym. Antw. Lin. and Hull.	Grange Tbanet, Runney, Downs, and Scilly Half-Tide
D.	M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	0 A 48	7 A 33	11 M 18	3 A 48	6 A 3	6 A 48
2	1 36	8 21	0 A 6	4 36	6 51	7 36
3	2 24	9 9	0 54	5 24	7 39	8 24
4	3 12	9 57	1 42	6 12	8 27	9 12
5	4 0 10	45 2	30 7	0 9	15 10	0 5
6	4 48 11	33 3	18 7	48 10	3 10	48 6
7	5 36 12	21 4	6 8	36 10	51 11	36 7
8	6 24 1 M	9 4	54 9	24 11	39 12	24 7
9	7 12 1	57 5	42 10	12 12	27 1 M 12	8 42
10	8 0 2	45 6	30 11	0 1 M 15	2 0	9 80
11	8 48 3	33 7	18 11	48 2	3 2	48 10
12	9 36 4	21 8	6 12	36 2	51 3	36 11
13	10 24 5	9 8	54 1 M 24	3 3	39 4	24 11
14	11 12 5	57 9	42 2	12 4	27 5	12 12
15	12 0 6	45 10	30 3	0 5	15 6	0 1
16	0 M 48 7	33 11	18 3	48 6	3 6	48 2 M 18
17	1 36 8	21 12	6 4	36 6	51 7	36 3
18	2 24 9	9 0	M 54 5	24 7	39 8	24 3
19	3 12 9	57 1	42 6	12 8	27 9	12 4
20	4 0 10	45 2	30 7	0 9	15 10	0 5
21	4 48 11	33 3	18 7	48 10	3 10	48 6
22	5 36 0 A 21	4	6 8	36 10	51 11	36 7
Desire	6 24 1	9 4	54 9	24 11	39 0 A 24	7 54
24	7 12 1	57 5	42 10	12 12	27 1	12 8
25	8 0 2	45 6	30 11	0 1 A 15	2 0	9 30
26	8 48 3	33 7	18 11	48 2	3 2	48 10
27	9 36 4	21 8	6 0 A 35	2 51	3 36 11	6
28	10 24 5	9 8	54 1	24 3	39 4	24 11
29	11 12 5	57 9	42 2	12 4	27 5	12 0 A 42
30	12 0 6	45 10	30 3	0 5	15 6	0 1 30

Example. Jan. the 30th, the Moon is 11 days old; look for 11 in the first Column under the Moon's Age, and against it in the fourth Column under London, Tinmouth, &c is 11h. 48m. which shews that it is High-Water at those Places at 48' past 11 in the Afternoon.

A perpetual Table of Break of Day, Twilight, the Length of the Day and Night, and Increase and Decrease of the Days.

Months.	Days.	Break of Day.		Twilight ends.		Length of the Day.		Length of the Night.		Increase of Days.		Planet Hourly	Planet Hourly
		Days	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
January.	2	5	59	6	1	7	44	16	16	0	10	0	38
	12	5	52	6	8	8	20	15	40	0	26	0	40
	22	5	42	6	18	8	26	15	34	0	52	0	42
February.	2	5	30	6	30	8	58	15	2	1	24	0	45
	12	5	13	6	47	9	38	14	22	2	4	0	48
	22	4	55	7	5	10	16	13	44	2	42	0	51
March.	2	4	40	7	20	10	44	13	16	3	10	0	57
	12	4	19	7	41	11	26	12	34	3	52	1	0
	22	3	57	8	3	12	6	11	54	4	32	1	4
April.	2	3	33	8	27	12	46	11	14	5	12	1	7
	12	3	4	8	56	13	28	10	32	5	52	1	10
	22	2	35	9	25	14	4	9	56	6	30	1	13
May.	2	2	2	9	58	14	42	9	18	7	8	1	17
	12	1	28	10	32	15	14	8	46	7	40	1	19
	22	0	14	11	46	15	44	8	16	8	10	1	20
June.	2	no nig <sup>t</sup> .	no nig <sup>t</sup> .	16	6	7	54	8	8	8	52	1	21
	12	but twi-	but twi-	16	24	7	38	8	48	1	32	0	38
	22	light.	light.	16	26	7	34	8	42	1	21	0	39
July.	2	0	0	15	20	7	40	0	D 6	1	20	0	41
	12	0	0	16	6	7	54	0	20	1	19	0	41
	22	0	17	11	43	15	44	8	16	0	42	1	17
August.	2	1	24	10	56	15	14	8	46	1	2	1	13
	12	2	6	9	54	14	38	9	22	1	48	1	10
	22	2	38	9	22	14	4	9	56	2	2	1	7
September.	2	3	7	8	53	13	26	10	34	3	0	1	3
	12	3	38	8	22	12	44	11	16	3	42	1	0
	22	3	59	8	1	12	4	31	56	4	22	1	0
October.	2	4	21	7	59	11	24	12	36	5	2	0	57
	12	4	41	7	19	10	46	13	34	5	40	0	54
	22	5	0	7	0	10	6	13	54	6	20	0	50
November.	2	5	17	6	43	9	28	14	32	6	58	0	47
	12	5	33	6	27	8	50	15	16	7	36	0	44
	22	5	45	6	15	8	20	15	46	8	6	0	42
December.	2	5	54	5	6	7	56	16	26	8	30	0	40
	12	6	0	6	0	7	40	16	26	8	46	0	38
	22	6	1	5	59	7	34	16	26	8	52	0	38

# ATABLE of TERMS and RETURNS, 1763.

Hilary Term begins Jan. 24, ends Feb. 12.

Returns or Essoign-days.	Exc.	Ret.	Ap.	W.da.
In eight Days of St. Hilary, Jan. 20	21	22	24	Mond.
From the Day of St. Hilary in 15 Days, 27	28	29	31	Mond.
On the Morrow of the Purification of the blessed Virgin Mary, Feb. 1	4	5	7	Mond.
In eight Days of the Purification of the blessed Virgin Mary, 9	10	11	12	Satur.

Easter Term begins April 20, ends May 16.

From the Day of Easter in 15 Days, April 17	18	19	20	Wed.
From the Day of Easter in 3 Weeks, 24	25	26	27	Wed.
From the Day of Easter in 1 Month, May 1	2	3	4	Wed.
From the Day of Easter in 5 Weeks, 8	9	10	11	Wed.
On the Morrow of the Ascension-Day, 13	14	15	16	Mond.

Trinity Term begins June 3, ends June 22.

On the Morrow of the Holy Trinity, May 30	31	June 1	2	Frid.
In eight Days of the Holy Trinity, June 5	6	7	8	Wed.
From the Day of the H. Trinity in 15 Days, 12	13	14	15	Wed.
From the Day of the Holy Trin. in 3 Weeks, 19	20	21	22	Wed.

Michaelmas Term beg. Nov. 7, ends Nov. 28.

On the Morrow of All Souls, Nov. 3	4	5	7	Mond.
On the Morrow of St. Martin, 12	13	14	15	Wed.
In eight Days of St. Martin, 18	19	20	21	Mond.
From the Day of St. Martin in 15 Days, 25	26	27	28	Mond.

N. B. No Sittings in Westminster-Hall on Ascension-Day, Midsummer-Day, and the 2d of February.

The Exchequer opens eight Days before any Term begins, except Trinity Term before which it opens only four Days.

Note, That the first and last Days of every Term are the first and last Days of Appearance.

## Movable Feasts for the Year 1763.

Golden Number	16	Easter-Day	April 2
Epact	35	Rogation Sunday	May 6
Dominical Letter	B	Ascension-Day	May 18
Cycle of the Sun	8	Whitsunday	May 22
Number of Direction	12	Advent-Sunday	Nov. 25
Above Sunday	Feb. 1		

# JANUARY hath XXXI Days.

D. 8  
D. 9

Now chearful Comfort and good Wine invites  
To comfort dull short Days and tedious Nights,  
Sometimes cold Sleet, as well as milk white Snow,  
Are drove about with stormy Winds below;  
Sometimes the Sun peeps at us pale and low,  
As if ashame'd we should his Weakness know

129  
629  
1127  
1528  
2128  
2627

M	W	Sts.	Days	The	Moon	D	Moon	Aspects	Sun	D	○
D.	D.		and Weather	Signs	South.	A	rises, sets	rises and sets		D.	○
1	3		Circum-	heart	1. M 3	1	5 A 2;	△ 4 ♀		1	10
2	2		zS. af. Chr.	back	2	4 18	6 5-	Sun rises 9 m. p. 8.		22	B
3	1		The Wea-	bowels	3	1 19	8 26	S. f. 5 2 m. p. 3.		23	3
4	d		ther mild	and	3	54 20	9 57	Days 14 minutes.		24	4
5	e		O. Chr. D	belly	4	43 21	11 2	Twelfth. Day.		25	5
6	f		Epiphany	reins	5	31 22	Morn.			26	6
7	g		and open	loins	6	17 23	0 41	Sun rises 4 m. p. 8.		27	7
8	a		at Begin-	secrets	7	5 21	2 5	Lucian.		28	8
9			1 S. af. Epi.	memb.	7	54 25	3 29	* 4 ♂		29	B
10	c		ning of the	hips	8	45 26	4 59	Pl. Mon. ♂ ○ ♀		30	10
11	d		Year.	thighs	9	38 2-	6 7	Sun sets 5 5 m. p. 3.		31	11
12	e		Wind with	knees	10	33 28	7 1	O. N. Year's Day		1	12
13	f		S. Hillary.	and	11	28 29	8 5	Cain. Term beg.		13	
14	g		Rain.	bams	○ A 31	●	○ rise	○ f. ♀ ○ ♀		14	
15	a		Mists or	legs	1	20 1	5 A 1-	Sun rises 5 9 m. p. 7.		415	
16	B		2 S. af. Epi.	ankles	1	56 2	6 3-	Sun sets 3 m. p. 3.		5	6
17	c		O. Tw. D.	feet	2	37 3	7 43			6	17
18	d		drifling	and	3	18 4	8 53	Prisca.		7	18
19	e		Air, with	toes	3	57 5	10 0	□ f. ♀ ○ ♂ ○ ♀		8	19
20	f		Fabian.	head	4	37 6	11 10	Sun rises 5 5 m. p. 7.		9	20
21	g		Agnes.	face	5	16 7	Morn.	Sun sets 7 m. p. 4		10	21
22	a		Vincent.	neck	5	59 8	0 23	□ ○ 4		11	22
23	B		3 S. af. Epi.	and	6	41 9	1 36	Term begins.		12	B
24	c		Snow or	throat	7	35 10	2 53			13	24
25	d		Rain.	arms	8	30 11	4 15	Conv. St. Paul.		14	25
26	e		Frosty	shoulders	9	30 12	5 32	Sun rises 4 6 m. p. 7.		15	26
27	f		Mornings.	breast	10	32 13	6 40	* ♂ ♀		16	2
28	g		Rain or	stomach	11	34 14	7 32	Sun sets 1 7 m. p. 4		17	2
29	a		Snow and	heart			Morn. 15	D sets.		18	2
30	B		Septuag.	back	○	34 15	5 49	K. Ch. I. Mart.		19	
31	c		Frosts.	bow.	1	35 17	7 21			20	

Pearse.

## JANUARY, 1763.

D.	h	m	s
1	18	1	
6	18	1	
11	18	1	
16	18	2	
21	19	2	
26	19	3	

Last Quarter 6th Day at 6 Night.

New Moon 14th Day at 4 Morn.

First Quart 22d Day at 9 Morn.

Full Moon 29th Day at Noon.

## Monthly Observations.

D	O	W	Y	S	δ	♀	§	
1	10	54	0	49	25	29	1	To GEORGE the Third, the
2	1	55	15	30	26	27	3	Great King of England, &c.
3	2	56	0	41	26	26	4	Great Sir,
4	13	57	14	39	27	6	6	All hail, Great King! Thrice welcome to your own,
5	14	58	28	54	28	25	7	Your own good Subjects, your Imperial Throne,
6	16	2	12	57	28	25	9	Renowned GEORGE, whose Glory let it be,
7	17	3	26	45	29	24	10	
8	18	4	10	M 18	X	24	12	
9	19	5	23	41	1	23	14	
10	20	6	6	52	2	23	15	On the 10th Day of this Month,
11	21	7	19	50	2	22	17	1740, the hopeful Princess Elizabeth, second Daughter to her Royal
12	22	8	2	39	3	22	19	Highness the Prince's Dowager of Wales, was born.
13	23	9	15	15	4	21	20	
14	24	10	27	41	4	20	22	
15	25	11	9	50	6	9	24	Your blest Approach hath set three
16	26	12	22	C	7	19	25	Nations free :
17	27	14	3	X 56	7	18	27	Whose powerful Influence, whose cheerful Rays
18	28	15	15	47	8	17	28	Make all the Year consist of Halcyon Days.
19	29	15	27	31	9	17	29	Stand there, Great GEORGE, (in
20	0	16	9	Y 24	10	17	2	your successive Might,) Our King by Justice, our King by Right.
21	1	18	21	21	11	10	4	The Number now is three, and you are he
22	2	19	3	8 30	11	16	5	Which must compose the Odds, if any be.
23	3	20	15	56	12	16	7	Your Glorious Father, by his matchless Pen,
24	4	22	28	40	13	15	9	Made Jews turn Christians, you make Beasts turn Men.
25	5	23	11	11	14	15	10	
26	6	24	25	41	14	15	12	
27	7	25	9	50	15	14	14	
28	8	26	24	32	16	14	16	
29	9	27	9	27	17	14	18	
30	10	28	24	29	18	14	20	
31	11	28	9	M 33	19	D	21	

# FEBRUARY hath XXVIII Days.

What Nature gives is Bounteoues, Free, and Good,  
 Cloathing and Pleasure; nat'ral Heat and Food.  
 Nature, that wealthy Dame, whom all implore,  
 She rolls in Riches of all Kinds of Store;  
 Her Gifts are large and free by which you live;  
 As you receiv'd it freely, freely give.

M D.	W D.	Sts. and Weat.	Days Signs.	○ ≡	Moon South.	D A.	Moon ris. & set	Aspect, Sun rises and sets		D. D.
								Old Style.	New Style.	
1	d	Tempe- rature.	belly.	2	M 22	18	8 A. 52	Sunrise 13 m. 27	21	1
2	e	Pur. V. M.	rains.	3	11	19	10 18	Candlemas Day	22	2
3	f	Blase.	loins.	4	0	20	11 43	Sunset 30 m. p. 4	23	3
4	g	Rate Air.	seerit	4	49	21	Morn.		24	4
5	a	Agatha.	members	5	39	22	1 9	Days in. 1h 30m	25	5
6	B	Sexages.	hips.	6	30	23	2 32		26	B
7	c	Cold, win-	and	7	24	21	3 51		27	7
8	d	dy Wea-	twigs.	8	19	25	5 2	* 4 ♀	28	8
9	e	ther	knees	9	14	26	6 0	* 0 ♀	29	9
10	f	Sleets of	hams	10	6	27	6 43	Sunrise 19 m. p. 7	30	10
11	g	Snow or	legs	10	55	28	7 10	Sunset 41 m. p. 4	11	11
12	a	Ter. ends	ankles	11	43	•	D. sets.		12	12
13	B	Shrove S.	feet	○ A. 28	1	5 A. 27	O. Candl. Day.		13	B
14	c	cold Rain	and	1	11	2	6 37	Valentine Day.	14	1
15	d	Shrove T.	toes	1	51	3	7 40		15	1
16	e	Ash Wed.	head	2	50	4	8 55	Sunrise 11 m. p. 7	16	1
17	f	Frosty	and	3	9	5	10 6	Sunset 50 m. p. 4	17	1
18	g	Mornings.	face	3	5	6	11 19		18	1
19	a	Warmer	neck	4	35	7	Morn.	Day in. 2h. 15m	19	1
20	B	1 S. in L.	throat	5	2.	8	0 34	11 h ♀	20	2
21	c	than it was.	arms	6	16	9	1 43		21	2
22	d	changeable	shouldrs	7	13	10	3 11		22	2
23	e	Em. Week	breast	8	13	11	4 22	Sunrise 59 m. p. 6	13	2
24	f	St. Matthi	stomach	9	13	12	5 20	Sunset 2m. p. 5	14	2
25	g	Weather.	beart	10	1.	13	6 3	* 0 4	15	2
26	a	More milde	back	11	12	14	6 32		16	2
27	B	2 S. in Lent	b. wets	Morn			D. rises.		17	2
28	c	with Fog.	belly	○	;	16	6 20	Day incr. 2h. 15m		

FEbruary, 1763.

Last Quarter the 5th Day at 4 Morn.  
New Moon the 12th Day at 10 Night.  
First Quarter the 21st Day at 3 Morn.  
Full Moon the 27th Day at 10 Night.

D.	5	4
	9	3
6	20	4
11	20	4
16	21	5
21	21	6
26	22	7

D.D.	O	W	D	W	R	S	Q	S	Monthly Observations.
21	112	29	24	26	19	14	23		
22	213	29	1	20	14	24			Though it has pleas'd th' Almighty
23	314	30	23	14	21	14	26		Power to bless,
24	415	31	7	21	14	28			And crown your glorious Actions
25	516	32	20	41	22	14	X		with Success;
26	617	33	3	53	23	15	1		Though Justice to the Earth's re-
27	718	33	16	51	24	15	3		turn'd again,
28	819	34	29	36	24	15	5		Under the Shades of your Auspicious
29	920	35	12	25	25	15	7		Reign;
30	1021	35	24	29	26	15	8		Though by your Sword alone you
31	1122	36	6	39	27	16	10		Peace have made,
1223	37	18	41	27	16	11			And frightened him who Nations did
24	37	0	X	36	28	17	12		invade;
31425	38	12	29	29	17	14			Though all your Adversaries bow
41526	38	24	16	W	18	1			the Knee,
51627	39	6	W	4	11	18	6		Submit and vail in their sublime
61728	39	17	55	1	19	16			Degree;
71829	40	29	53	2	19	17			Though mighty Monarchs make
81930	0	X	40	12	8	2	3		their humble Court,
91021	1	40	24	33	4	20	8		And for their future Peace to you
1122	2	41	7	11	5	21	18		resort;
1223	3	41	20	21	5	22	19		Though thus your Word's a Law to
1324	4	41	4	W	0	6	22		mighty Kings,
1425	5	42	18	5	7	23	18		And none resist amongst more infe-
1526	6	42	2	39	7	24	18		rior Things;
1627	7	42	17	8	8	24	16		Though the Mighty of the Earth in
1728	8	42	2	42	0	25	17		vain did strive,
	9	4	18	4	10	26	6		And your sharp Sword did both af-
									fight and drive.

# MARCH hath XXXI Days.

When Aries and his gilded Horns appear,  
 He tells what Season 'tis: What Time o' th' Year  
 He shews the Swelling Buds, the Blooming Train,  
 Those tender Emblems of the fertile Strain,  
 And into Nature's Bosom briskly pours  
 The Genial Seed in fresh and fruitful Showers.

M	W	Sts. Days	The	Moon	D	Moon	Aspcts,	Sun	D.
D.	D.	and Weat.	Signs.	South.	A.	rises.	rises and sets.	rises	C.
1	d	David.	reins	1 M	17	7 A	51	Sunrises 1m. p.6.	18
2	e	Chad.	loins	1	5 4	18	9 21	Sunset 11m. p.5.	19 21
3	f	Cold Wds,	secret	2	44	19	11 50	6 0 ♀	20 31
4	g	driving	memb.	3	35	20	Morn.		21 4
5	a	Prs. Hesse.	bips	4	29	21	0 18	Day in. 3h. 1m.	22 5
6	B	3 S.inLent	and	5	23	22	1 43		23 6
7	c	Perpetua.	thighs	6	19	23	2 59	Sunrise 38m. p.6.	24 7
8	d	Rain, drif-	knees	7	14	24	4 1	Sunset 24m. p.5.	25 8
9	e	Ing Weat.	hams	8	7	25	4 47	* 4 ♀	26 9
10	f	Fine	legs	8	59	26	5 19		27 10
11	g	Weather,	and	9	45	27	5 43	Day in. 3h. 42m.	28 11
12	a	Gregory.	ankles	10	30	28	6 0		Mar. 12
13	B	4 S.inLent	feet	11	13	29	6 13	Midlent Sunday.	13
14	c	for the	toes	11	54	●	D sets.		4
15	d	Season.	head	0 A	34	1	6 A	51	Sunrises 15m. p.6.
16	e	Windy	and	1	15	2	8 1	□ 4 ♀	6 1
17	f	St. Patrick	face	1	55	3	9 13	Sunset 50m. p.5.	7 1
18	g	Ed. k. w. s.	neck	2	38	4	10 28		8 1
19	a	with Sh.	throat	3	25	5	11 46	Prs. Louis b. D.	9
20	B	5 S.inLent	arms	4	15	6	Morn.	6 h 6 N. equal.	10 2
21	c	Benedict.	and	5	9	7	1 3	Day in. 4h. 30m.	11 2
22	d	Perhaps	should.	6	8	8	2 15		12
23	e	some frosty	breast	7	7	9	3 19	Sunrises 58m. p.5.	13
24	f	Mornings.	stomach	8	6	10	4 6	Sunset 4m. p.6.	14
25	g	Lady Day.	heart	9	4	11	4 39	Camb. T. ends.	15
26	a	Ox. T. end	back	9	58	12	5 4		16
27	B	6 S.inLent	bowels	10	50	13	5 22	Palm Sunday.	17
28	c	Now	belly	11	43	14	5 37		18
29	d	about	reins	Morn.	●	D rises.			19
30	e	good	loins	0	36	16	8 25	Sunrises 2m. p.5.	20
31	f	Weather.	secret.	1	32	17	9 57	Sunset 22m. p.5.	21

Pearf

Pearse.

MARCH, 1763.

D.	h	4
Y	8	
1 26	1 22	7
6 23	6 23	8
11 23	11 23	9
16 23	16 24	10
21 25	21 24	11
26 24	26 25	12

Last Quarter the 6 Day at 4 Afternoon.

New Moon the 14th Day at 5 Afternoon.

First Quarter the 22d Day at 4 Afternoon.

Full Moon the 29th Day at 8 Morning.

D.D.	O	X	D	Δ	δ	♀	♂	Monthly Observations.
D.	o	o	o	o	o	o	o	
18	1 10	42	3	13	11	27	15	
19	2 11	42	18	7	11	28	R	
20	3 12	42	27	37	12	28	13	While clear the Night, and ev'ry
21	4 13	42	16	44	13	29	12	Thought serene,
22	5 14	42	0	22	14	10	1	Let Fancy wander o'er the solemn
23	6 15	42	13	41	14	27	10	Scene,
24	7 16	42	26	35	15	1	9	And, wing'd by active contemplation,
25	8 17	42	9 18	11	15	2	9	rise
26	9 18	42	21	34	16	3	8	Amidst the radiant Wonders of the
27	10 19	42	3 27	44	17	4	7	Skies.
28	11 20	42	15	46	18	5	7	Here Cassiopeia fills a lucid Throne;
29	12 21	42	27	39	18	6	6	There blaze the Splendors of the
Mar.	1 22	41	9 X 30	19	7	5		northenn Crown.
2	2 23	41	21	17	20	7	5	While the slow Ear the cold Triones
3	3 24	41	3 V 4	20	8	5		roll
4	4 25	41	14	55	21	9	D	O'er the pale Countries of the frozen
5	5 26	40	26	50	22	10		Pole;
6	6 27	39	8 8	54	23	11	5	Throughout the Galaxy's extended
7	7 28	39	21	7	24	12	5	time
8	8 29	38	3 II	36	24	13	6	Unnumber'd Orbs in gay Profusion
9	9 30	38	16	20	25	14	5	shine,
10	10 1	38	1	25	30	15	6	Where ev'ry Star that chears the
11	11 2	37	2 25	30	26	15	6	Gloom of Night,
12	12 3	37	13	1	26	16	7	With the faint Trémbling of a di-
13	13 4	36	26	57	27	17	7	stant Light,
14	14 5	35	11	12	28	18	8	On the 25th Day of this Month, in
15	15 6	35	26	4	29	19	8	the Year 1739, was born the hopeful
16	16 7	34	1 12	6	28	20	9	Prince Edward-Augustus, second
17	17 8	33	25	18	1	2	8	Son of her Royal Highness the
18	18 9	32	1 12	20	1	2	11	Princess Dowager of Wales.
19	19 10	32	5	29	2	3	1	
20	20 11	31	1 III	7	3	4	1	

# APRIL hath XXX Days.

The artful Tribe, from Nature's sweet Abode,  
Bud, fruit, and in gay Colours walk abroad.  
The mystick Heat doth here so play its Part,  
It far outdoes the best of chymick Art.  
There's not a Drop nor Bud in all this Still,  
But speaks the great Creator's Art and Skill.

M	W	Sts.	Days	The	Moon	D	Moon	Aspects,	D.
D.	D	and Weat.		Signs	South.	A.	rif.&set	Sunrises and Sunsets	O.
1	g	Windy &	memb.	2 M 25	18	11 A 32		* 4 ♀	1 11
2	a	Showers.	bips	3 21	19	Morn.		Sunrises 3 8m. p. 5.	2 12
3	B	Easter S.	thighs	4 19	20	0	51	Sunsets 2 4m. p. 6.	3 13
4	c	St. Ambr.	knees	5 15	21	2	0		4 14
5	d	Old Day	lans	6 11	22	2	54	Day in. 5h. 15m.	5 15
6	e	Fair and	legs	7 22	23	3	31		6 16
7	f	pleasant	and	7 52	24	3	57		7 17
8	g	Weather.	ankles	8 37	25	4	16	Sunrises 2 7m. p. 5.	8 18
9	a	feet		9 20	26	4	30	Sunsets 3 3m. p. 6.	9 19
10	B	Low Sund.	toes	10 3	27	4	4:		10 20
11	c	Rain or	bead	10 43	28	4	51	Day 13h. 17m. 1.	11 21
12	d	Storms of	and	11 23	29	5	1		12 22
13	e	Oxf. T. b.	face	○ A	2	●	D sets.	Camb. Ter. beg.	1 13
14	f	Hail, with	neck	○	45	1	8 A 25	○ Ellips. inv.	2 14
15	g	some	throat	1	30	2	9 42		3 15
16	a	Thunder	arms	2 23	3	11	1	Sunrises 1 4m. p. 5.	4 16
17	B	2 S. aft. E.	and	3 14	4	Morn.		Sunsets 2 6m. p. 6.	5 17
18	c	now about	should.	4 11	5	0	16	♂ ○ h	6 18
19	d	Pretty	breast	5 8	6	1	21	Day in. 6h. 11m.	7 19
20	e	Term beg.	stomach	6 5	7	2	11		8 20
21	f	goodWea.	heart	7 2	8	2	49	♂ ○ ♂	9 21
22	g	Fair and	back	7 57	9	3	15		10 22
23	a	St. George	bowels	8 49	10	3	33		11 23
24	B	3 S. aft. E.	belly	9 40	11	4	49	* ♂ ♀	12 24
25	c	St. Mark	reins	10 30	12	4	2	Sunrises 5 4m. p. 4.	13 25
26	d	D.Com. b	loins	11 19	13	4	16	Sunsets 8m. p. 7.	14 26
27	e	warm	secret	Morn.	1	D rises.			15 27
28	f	Breezes of	memb.	○ 9 1	9	c			16 28
29	g	pleasant	bips	1 16	10	30	Day in. 6h. 54m.		17 29
30	a	Wind.	thighs	1 57	17	11	50		18 30

D	h	4
m	8	5
12	26	16
6	26	17
11	27	18
16	28	19
21	28	14
26	29	15

Last Quarter the 5th Day at 6 Morning.

New Moon the 13th Day at Noon.

First Quarter the 21st Day at 2 Morning.

Full Moon the 27th Day at 5 Night.

D.D.	○	Ψ	Δ	μ	σ	δ	♀	⊗	⊗	Monthly Observations.
1	11	30	25	27	3	25	14			Perhaps illumines some System of its own
2	12	29	9	17	4	2	15			With the strong Influence of a radiant Sun,
3	13	28	22	4	5	27	16			Plac'd on the Verge which Phœbus' Realm confines,
4	14	27	5	19	6	28	17			The slow Revolving, or of Saturn, Shines,
5	15	26	18	17	6	29	18			Where the bright Beam, whose near approaching Ray
6	16	25	0	37	7	⊗	19			Gilds our gay Climates with the Blaze of Day,
7	17	24	12	44	8	1	21			On those dark Regions glimmers from afar
8	18	22	24	41	8	3	22			With the pale Luster of a twinkling Star;
9	19	21	6	36	9	4	23			And yet perhaps while we our Station prize,
10	20	20	18	20	10	5	25			Blest with the Warmth of more indulgent Skies,
11	21	19	0	Ψ	8	10	26			
12	22	17	11	58	11	7	28			
13	23	16	23	12	12	8	29			
14	24	15	5	8	58	12	9	Ψ		
15	25	13	18	12	14	10	2			
16	26	12	0	11	40	14	11	3		
17	27	10	13	19	1	2	5			
18	28	9	26	16	16	3	7			
19	29	7	9	26	1	4	5	8		
20	0	8	6	22	56	17	16	10		And on the 26th Day of this Month, in the Year, 1763, was born the most illustrious and heroic Prince, William Duke of Cumberland, second Son to his late Majesty King George the Second.
21	1	4	6	Δ	47	18	17	18		
22	2	3	20	55	19	8	13			
23	3	1	5	η	21	19	19	15		
24	3	59	20	4	20	20	17			
25	4	58	4	55	2	1	18			
26	5	56	19	50	21	22	26			
27	6	54	4	μ	58	2	23	22		
28	7	52	19	21	23	25	24			
29	8	51	3	4	40	23	26	26		
30	9	49	17	35	24	27	28			

# MAY hath XXXI Days.

The welcome Sun the glorious Season guides,  
 And mounted on his heavenly Heifer, rides;  
 His glowing Heat, Heaven's celestial Fire,  
 Doth Man and Beast and fertile Earth inspire:  
 Heat's the Complaint (the Lame and Lazy sport)  
 So often wish'd for when the Days were short.

M D	W D and Wet	Sts. Days	The Signs.	Moon South.	D A.	Moon ris. sets	Aspects, Sun rises and sets	Pearls	
								M	M
1	B	S. aft. E.	knees	2 M 53	18	Morn.	St. Phil. and Jac.	D	D
2	c	Fair and	and	3 53	19	○	55 Sun rises 40m. p. 4	10	B
3	d	Inven Cr.	bams	4 51	20	1	37 Sun sets 22m. p. 7	21	2
4	e	pleasant	legs	5 47	21	2	6	22	3
5	f	Weather.	ancles	6 37	22	2	27 Day 15h. 59m. l.	23	4
6	g	St. J. A. P.	feet	7 24	23	2	43	24	5
7	a	Wind, with	and	8 7	24	2	55	25	6
8	B	Rogat. S.	oes	8 46	25	3	6 Sun rises 28m. p. 4	26	7
9	c	Showers.	head	9 26	26	3	14 Sun sets 34m. p. 7	27	B
10	d	Blustering	face	10 7	27	3	24 6 0 ♀	28	9
11	e	Storms,	neck	10 50	28	3	35	29	10
12	f	Ascen. D.	and	11 34	29	3	50 6 24 ♀ O. Mayd.	30	11
13	g	with	throat	○ A 21	30	3	sets.	May	12
14	a	Thunder	arms	1 12	1	10 A	9 Sun rises 18m. p. 4.	13	
15	B	S. aft. Asc.	shoulders	2 6	2	11	18 Sun sets 44m. p. 7.	14	
16	c	Term end.	breast	3 5	3	Morn.	6 0 24 Q. Ch. b.	3	B
17	d	in some	stomack	4 5	4	○	13	4	
18	e	Places,	heart	5 1	5	○	53 6 8 ♀	5	
19	f	Oxf. T. e.	back	5 52	6	1	21	6	1
20	g	followed	bowels	6 43	7	1	42	7	
21	a	with fine	and	7 33	8	1	58 Sun rises 8m. p. 4.	8	
22	B	Whitsund.	belly	8 22	9	2	11 Sun sets 53m. p. 7	9	
23	c	Weather	reins	9 12	10	2	25	10	
24	d	intermix'd.	loins	10 3	11	2	38 Day in. 8h. 20m.	11	
25	e	Em. Week.	secret	10 57	12	2	52	12	
26	f	Augustine.	memb.	11 53	13	3	11	13	
27	g	Ven. Bede.	hips	Morn.		D	rises.	14	
28	a	Curious	thighs	○ 52	15	10 A	34 Sun rises 53m. p. 5.	15	
29	B	Trin. Sun	C II. R.	1 51	16	11	28 Sun sets 3m. p. 5.	16	
30	c	Sunshine	bams	2 49	17	Morn.		17	
31	d	Weather.	legs	3 41	18	○	5 6 h ♀	18	

11 Pearse,

M A Y, 1763.

Last Quarter the 4th Day at 10 at Night.

New Moon 13th Day at 2 in the Morn.

First Quarter the 20th Day at 8 Morn.

Full Moon 27th Day at 2 in the Morn.

D	5	4
1	29	20
6	8	21
11	1	23
16	1	24
21	2	25
26	2	26

### Monthly Observations.

8

# J U N E hath XXX Days.

Sol's got at last to his most northern sphere,  
And by Orion's fword he's guarded there;  
By old Orion, Gen'ral of the skies,  
And other stars that likewise set and rise,  
All of the martial strain, whose fires meet,  
And add both strength and vigour to his heat.

D	8
1	21
6	21
11	20
16	20
21	20
26	19

M	W	Saints Days	The	Moon	D	Moon	Alpects, & Sun	M
D	D	& Weather.	Signs	South	A.	r. & sets	rises and sets	D
1	e	Oxf. Term b.	and	4M 32	19	oM 29	Camb. Term d.	1
2	f	Corp. Christi	ancles	5 19	20	o 47	* h 3	2
3	g	Term begins	feet	6 1	21	1 1	Sun rises 5 <sup>1</sup> p. 3	3
4	a	K. Geo. III. b	toes	6 42	22	1 12	Sun sets 9 <sup>1</sup> p. 8	4
5	B	S. aft. Trin.	head	7 21	23	1 21	Boniface	5
6	c	Thunder in	and	8 1	24	1 29		6
7	d	some places,	face	8 44	25	1 40		7
8	e	but for the	neck	9 27	26	1 52	Sun rises 4 <sup>1</sup> p. 3	8
9	f	general part	throat	10 15	27	2 7	Sun sets 11 <sup>1</sup> p. 8	9
10	g	Prs Am. born	arms	11 6	28	2 29	* 8 3	10
11	a	St Barnabas	should.	o A 2	●	D sets		11
12	B	S. aft. Trin.	breast	o 58	1	10 A 4		12
13	c	will be fine	stom	1 56	2	10 51		13
14	d	weather and	heart	2 52	3	11 22		14
15	e	warm.	and	3 48	4	11 44	Sun rises 47 <sup>1</sup> p. 3	15
16	f		back	4 10	5	11 59	Sun sets 13 <sup>1</sup> p. 8	16
17	g	St Alban	bowels	5 30	6	Morn.		17
18	a	Mostly fair.	belly	6 16	7	o 15		18
19	B	S. aft. Trin.	reins	7 3	8	o 27		19
20	c	Transf. K. Ed.	loins	7 51	9	o 40		20
21	d	Longest day	secret	8 41	10	o 52	Sun rises 47 <sup>1</sup> p. 3	21
22	e	Term ends.	memb.	9 34	11	1 9	Sun sets 13 <sup>1</sup> p. 8	22
23	f	Thunder.	hips	10 29	12	1 33		23
24	g	St John Bap.	thighs	11 26	13	2 4	Midsummer-d.	24
25	a	Fine and plea	knees	Morn.	○	D rises		25
26	B	S. aft. Trin.	hams	o 25	14	10 A 0	6 4 3	26
27	c	sant weather.	legs	1 21	15	10 25	6 0 3	27
28	d		and	2 15	16	10 45	Sun rises 47 <sup>1</sup> p. 3	28
29	e	St Pet. & Paul	ancles	3 4	17	11 0	Sun sets 13 <sup>1</sup> p. 8	29
30	f		feet	3 49	18	11 12	* h 3	30

Pearse.

J U N E, 1763.

D	b	4
8	8	8
1	3	28
6	4	11
11	4	0
16	5	1
21	5	2
26	6	3

PIO  
New  
Style  
Last Quarter 3d Day at 3 in the Aftern.  
New Moon 11th Day at 2 in the Aftern.  
First Quarter 18th Day at 1 in the Aftern.  
Full Moon 25th Day at 11 in the Morn.

M D	M D	D o	D o	Monthly Observations.				
				7	8	9	10	
21	10	36	17	13	16	4	2	Your enemies before your face shall fly,
22	21	34	29	28	17	5	4	
23	312	31	11	16	18	6	5	
24	413	29	23	5	18	7	6	On the 4th Day of this Month 1738, was born his
25	B14	26	4	45	19	8	7	most Sacred Majesty George
26	615	23	16	48	20	9	9	the Third, King of England,
27	716	21	28	50	20	11	10	Scotiana, France, and Ireland,
28	817	18	11	8	21	12	11	Defender of the Faith.
29	918	16	23	36	22	13	12	
30	1019	13	6	11	25	23	14	
31	1120	10	19	30	28	15	15	On the 10th Day of this Month 1711, was born the
June	B21	7	2	53	24	16	16	hopeful Princeps <i>Amelia So-</i>
13	22	4	16	29	25	18	17	<i>pbia</i> , second Daughter to his
14	23	2	0	17	25	19	17	late Majesty King <i>Georg</i> the
4	1523	59	14	15	26	20	18	Second.
5	1624	56	28	16	27	21	19	And those who hate you shall
6	1725	53	12	21	28	23	20	by slaughter die ;
7	1826	51	26	26	28	24	20	Your royal name shall in this month be found,
8	B27	48	10	35	29	25	21	And in your triumphs shall
9	2028	45	25	3	29	26	21	our joys abound ;
10	2129	42	8	149	25	27	22	The Gallick nation, like the
11	220	39	22	53	1	28	22	men of Ai,
12	231	37	6	49	2	29	22	Shall bow and fall, and sig-
13	242	34	20	36	3	11	22	nalize the day.
14	253	31	4	15	7	2	23	Thus God supports you with
15	B4	28	17	20	4	3	18	his powerful arm,
16	275	25	0	15	5	4	23	No force shall hurt you, nor
17	286	23	12	50	5	5	23	yet Treason harm.
18	297	20	25	11	5	6	22	
19	308	17	7	14	6	8	22	

## JULY hath XXXI Days.

All the degrees of heat since March have been,  
And all the mystic fires we have seen.  
Time's register, that day and night send forth,  
Now turns his burning Ætna's to the north.  
This king of skies, whom all his subjects dread,  
When he appears each star does hide it's head.

M D	W D	Saints Days & Weather.	The Signs	Moon South.	Moon A. r.	Moon & sets.	Aspects & Sun rises and sets.		Pearl
							M	M	
1	g		toes	4 M 31	20	11 A 21	Sun rises 4 <sup>8</sup> p. 3		1
2	a	Vis. B. V. M.	head	5 10 21	11	31	Sun sets 7 <sup>1</sup> p. 8		2
3	B	5 S. aft. Trin.	and	5 5 22	11	42			22
4	c	Tr. St Mart.	face	6 31 23	11	53			23
5	d	Camb. Com.	neck	7 13 24		Morn.	Old Midsum D.		24
6	e	Rain or	throat	7 5 25	0	11			25
7	f	Thunder.	arms	8 46 26	0	28	Sun rises 5 <sup>2</sup> p. 3		26
8	g	Cam. T. ends	and	9 40 27	0	49	Sun sets 7 <sup>1</sup> p. 8		27
9	a		should.	10 37 28	1	27			28
10	B	6 S. aft. Trin.	breast	11 37	●	2 27	6 0 ♀		29
11	c	Oxford Act	stom.	0 A 37	1	D sets			30
12	d	High wind,	heart	1 36	2	9 A 42			1
13	e	bail or rain.	back	2 29	3	10 1	6 8 ♀		2
14	f		bowels	3 19	4	10 17	Sun rises 5 <sup>8</sup> p. 3		3
15	g	St Swithin.	belly	4 9	5	10 30	Sun sets 2 <sup>1</sup> p. 8		4
16	a	Oxf. T. ends	reins	4 58	6	10 42			5
17	B	7 S. aft. Trin.	loins	5 47	7	10 55			6
18	c	More calm	secret	6 38	8	11 11			7
19	d	and warm	memb.	7 31	9	11 33			8
20	e	Margaret	bips	8 26	10	11 59	Sun rises 3 <sup>1</sup> p. 4		9
21	f	weather.	and	9 25	11	Morn.	Sun sets 5 <sup>6</sup> p. 7		10
22	g	Mary Magd.	thighs.	10 23	12	0 40			11
23	a		knees	11 20	13	1 36			12
24	B	8 S. aft. Trin.	hams	Morn	14	2 43			13
25	c	St James.	legs	0 13	○	D rises	* h ♀		14
26	d	Hot and dry	ancles	1 0	16	9 A 3			15
27	e	weather.	feet	1 45	17	9 16	Sun rises 10 <sup>1</sup> p. 4		16
28	f		and	2 27	18	9 27	Sun sets 49 <sup>1</sup> p. 7		17
29	g	Dog-Days b.	toes	3 6	19	9 36			18
30	a		head	3 45	20	9 46			19
31	B	9 S. aft. Trin.	face	4 25	21	9 56	□ ○ h		20

Pearse. J U L Y, 1763.

Pearse.	J U L Y, 1763.	D	h	4
Old Style		8	11	11
	Last Quarter 3d Day at 8 in the Morn.	1	6	4
	New Moon 10th Day at 11 at Night.	6	6	5
	First Quarter 17th Day at 5 in the Aftern.	11	7	6
	Full Moon 24th Day at 11 at Night.	16	7	7
		21	7	8
		26	8	9

# AUGUST hath XXXI Days.

Sol on the north having thus spent his heat,  
And robb'd the south for six months time of it,  
Releas'd the frozen, and the cold withdrew,  
Scatter'd his rays, collected fuel too,  
Made all things glad and easy in his track,  
And having done his work he marches back.

M D	W D	Saints Days & Weather.	The Signs	Moon South.	Moonr. A.	Aspects & Sun rises and sets.	Pearls	
							D D	M M
1 c		Lammas D.	reck	5 M 5	22	10 A 6		18
2 d		Serene and good harvest	2nd	5 48	23	10 24	6 17	17
3 e		weather.	broot	6 34	24	10 45	11 17	17
4 f			arms	7 26	25	11 17	16 17	17
5 g			hould	8 20	26	Morn.	21 17	17
6 a		Trans. N. Jel.	breast	9 18	27	0 3		16
7 B	10	S. aft. Tri.	stoma.	10 17	28	1 8		26
8 c		Windy with	beart	11 17	29	2 29	Sun rises 31 <sup>1</sup> p. 4	27
9 d		bail or rain	back	0 A 13	1	3 sets	8 8	8
10 e		St Lawrence	bowels	1 19	1	8 A 22	Sun sets 25 <sup>1</sup> p. 7	9
11 f		Prs Augustab.	belly	2 0	2	8 36		10
12 g		Pr. of Wales	reins	2 51	3	8 49	O. Lammas	11
13 a		born.	loins	3 41	4	9 2	□ h 8	12
14 B	11	S. af. Trin.	secret	4 32	5	9 17		13
15 c		Aft. B. V. M.	and	5 25	6	9 37	* 4 8	14
16 d		Cloudy, and	memb.	6 19	7	10 3	Sun rises 46 <sup>1</sup> p. 4	15
17 e		some refresh-	hips	7 15	8	10 40	Sun sets 12 <sup>1</sup> p. 7	16
18 f		ing showers.	highs	8 12	9 11	30		17
19 g			knees	9 8	10	Morn.	□ h 8, }	18
20 a		Fine and caln.	hams	10 3	11	0 35	□ h 8, }	19
21 B	12	S. af. Tri.	legs.	10 53	12	1 49	8 8	10
22 c		Lofty winds,	and	11 40	13	3 6	Sun rises 58 <sup>1</sup> p. 4	11
23 d		with hasty	ancles	Morn.	14	3 sets at 7		12
24 e		St Barthol.	feet	0 24	0	7 A 39	6 8	13
25 f		showers of	toes	1 5	16	7 48		14
26 g		bail or rain.	head	1 46	17	7 58		15
27 a			and	2 26	18	8 8	* 4 8	16
28 B	13	S. af. Trin.	face	3 8	19	8 19	St Austin	17
29 c		Decol. St J. B.	neck	3 50	20	8 34		18
30 d		Hot and dry	broot	4 35	21	8 53	□ 4 8	19
31 e		weather.	arms	5 22	22	9 15		20

Year. AUGUST, 1763.

D	8	2	4
18		8	10
6	8	8	11
11	8	8	12
16	8	8	13
21	8	8	13
26	8	8	14

Old Style	Last Quarter 2d Day at 1 in the Aftern.	6	8	10
	New Moon 9th Day at 8 in the Morn.	11	8	12
	First Quarter 15th Day at 11 at Night.	16	8	13
	Full Moon 23d Day at Noon.	21	8	13
	Last Quarter 31st Day at 5 in the Aftern.	26	8	14

M	D	SL	D	8	δ	♀	♀	Monthly Observations.
D	D	o	o	o	o	o	o	
11	1	8	49	2	35	27	16	The white within the skin's envelop'd quite,
12	2	9	47	14	39	27	18	The skin within the shell doth outmost lie:
13	3	10	44	26	57	28	19	Ev'n so these elements hang midst the sky.
14	4	11	42	9	11	39	29	First, all the world where mortals live, we see
15	5	12	39	22	43	32	21	Within the orb of Luna hang- ed be;
16	6	13	37	6	20	15	27	On the 11th Day of this Month, 1737, was born the Princess <i>Augusta</i> , the first Daughter to her Royal High- ness the Princess Dowager of Wales.
17	7	14	34	20	12	1	24	Above her Mercury his course doth steer,
18	8	15	32	4	21	31	25	And next above him is bright Venus' sphere;
19	9	16	30	19	7	2	26	And in the fourth and middle firmament,
20	10	17	27	3	11	54	27	Sol keeps his hot and fiery regiment;
21	11	18	25	18	44	4	29	Next above that runs Mars, that star of war;
22	12	19	22	3	27	4	29	Beyond him Jupiter, that jo- vial star;
23	13	20	20	17	56	5	1	Then last is sullen Saturn's ample bounds,
24	14	21	18	2	15	6	21	B 4 Who
25	15	22	16	6	14	6	4	
26	16	23	13	29	59	7	5	
27	17	24	11	13	28	7	6	
28	18	25	9	26	42	8	7	
29	19	26	7	9	42	8	8	
30	20	27	4	22	31	9	10	
31	21	28	2	5	6	10	11	
1	22	29	0	17	29	10	12	
2	23	29	5	8	29	11	13	
3	24	29	10	12	56	11	1	
4	25	1	11	23	35	12	16	
5	26	2	52	5	24	13	17	
6	27	3	50	17	8	14	18	
7	28	4	48	28	57	14	19	
8	29	5	46	10	8	48	5	
9	30	6	44	22	52	16	22	
10	31	7	42	5	11	16	23	

# SEPTEMBER hath XXX Days.

All things do change, time doth itself translate,  
 The sun and stars have their quotidian fate,  
 And yet the signs keep still their time and place,  
 Heav'n it's course, the sun his constant race,  
 And now to do all right divides the whole,  
 And at once views each equidistant pole.

M	W	Saints Days	The	Moon	D	Moon r.	Aspects & Sun	M
D	D	& Weather.	Signs	South.	A.	& sets	rises and sets.	D
1	f	St Giles	should	6M 14	23	9A 58	Sun rises 20 <sup>1</sup> p.5	21
2	g	Lond. burnt	breast	7	8 24	10 53	Sun sets 38 <sup>1</sup> p.6	22
3	a	1666, O.S.	and	8	5 25	Morn.		23
4	B	14 S.af. Trin.	stoma	9	6 26	0 6		24
5	c	Fair and	beart	10	5 27	1 33		25
6	d	clear.	back	11	2 28	3 6		26
7	e	Dog-days end	bowels	11	56	● D sets	Sun rises 31 <sup>1</sup> p.5	27
8	f	Na. bl. V.M.	belly	0A 47	1	7 A 3	Sun sets 28 <sup>1</sup> p.6	28
9	g	Mostly dry.	reins	1	38	2 7 16	□ 0 4	29
10	a		loins	2	28	3 7 31		30
11	B	15 S.af. Trin.	secret	3	20	4 7 48		31
12	c	Wind and	memb.	4	15	5 8 13	△ h ♀	Sep. 11
13	d	storms, if not hips		5	15	6 8 45		
14	e	Holy Cross	thigbs	6	15	7 9 32	Holy Rood D.	31
15	f	thunder and	knees	7	30	8 10 34	Sun rises 46 <sup>1</sup> p.5	41
16	g	Ember Week	bams	8	9 9	11 46	Sun sets 12 <sup>1</sup> p.6	51
17	a	Lambert	legs	9	0 10	Morn.		61
18	B	16 S.af. Trin.	and	9	47	11 1 4	□ 4 ♀	71
19	c	lightning and	ancles	10	30	12 2 19	△ 4 ♀	81
20	d	hastybowers.	feet	11	12	13 3 35		92
21	e	St Matthew.	toes	11	5 2	14 4 47	Sun rises 56 <sup>1</sup> p.5	102
22	f	K. Geo. III.	head	Morn.	○	D rises	Sun sets 2 <sup>1</sup> p.6	111
23	g	crown'd	3 and	0	33	16 6 A 25	1 equal D. and N.	121
24	a		face	1	12	17 6 36		131
25	B	17 S.af. Trin.	neck	1	53	18 6 51		141
26	c	St Cyprian.	throat	2	37	19 7 6		151
27	d	Various wea-	arms	3	25	20 7 29	Sun rises 10 <sup>1</sup> p.6	161
28	e	ther.	and	4	16	21 8 3	Sun sets 48 <sup>1</sup> p.5	171
29	f	St Michael.	should.	5	10	22 8 50		181
30	g	St Jerome.	breast	6	5	23 9 54		191

## Pearse. SEPTEMBER, 1763.

D	h	4
D	8	11
1	Ex	15
6	8	15
11	8	16
16	7	16
21	7	16
26	7	17

New Moon 7th Day at 4 in the Aftern.  
 First Quarter 14th Day at 8 in the Morn.  
 Full Moon 22d Day at 5 in the Morn.  
 Last Quarter 30th Day at 7 in the Morn.

Old Style	New Style	M	M	○	η	D	II	δ	♀	♀	η
D	D	o	o	1	1	Ω	Ω	Ω	Ω	Ω	η
21	1	8	4	17	45	17	24	16			
22	2	9	39	0	45	17	25	18			
23	3	10	37	14	12	18	27	20			
24	B	11	35	28	8	19	28	22			
25	5	12	33	12	Ω	32	19	29	24		
26	6	13	32	27	17	20	η	26			
27	7	14	30	12	η	32	21	2	27		
28	8	15	28	27	26	21	3	29			
29	9	16	27	12	Δ	32	22	5	Δ		
30	10	17	25	27	26	22	6	2			
31	B	18	24	12	η	3	23	7	4		
Sep.	12	19	22	26	17	23	8	6			
	13	20	21	9	4	14	24	9	7		
	3	21	19	23	36	25	10	8			
	4	22	18	6	η	4	26	12	1		
	5	23	16	19	2	26	13	11			
	6	24	15	2	η	4	27	14	13		
	7	25	14	14	24	27	16	15			
	8	26	13	26	33	28	17	16			
	9	27	11	8	η	31	29	18	17		
	10	28	10	20	25	29	19	19	19		
	11	29	9	2	η	14	η	20	20		
	12	30	8	1	4	0	c	22	21		
	13	24	1	7	25	47	1	23	23		
	14	B	2	6	7	8	38	2	24	24	
	15	26	3	4	12	32	2	25	25		
	16	27	4	3	1	II	39	3	27	27	
	17	28	5	2	13	55	4	28	28		
	18	29	6	2	26	31	4	29	η		
	19	30	7	1	9	η	23	5	Δ	1	

## Monthly Observations.

On the 2d, 3d, 4th, and 5th Day of this Month, in the Old Style; or on the 13th, 14th, 15th, and 16th, according to the New Style, was the glorious City of London burnt, by those vile Incendiaries the Papists; therefore, let the Remembrance of that memorable Year of our Lord 1666 be engraven in indelible Characters on the Hearts of Posterity, to make them abhor and detest Popery, and all such vile Incendiaries. Let it remain a Monument of Gratitude to God; of Caution to England, and to Protestants in general; and a Shame to Rome.

Who once in thirty years the world surrounds.  
 This earthly globe, for which men fight and brawl,  
 Compar'd to Heaven is like an atom small;  
 Or as a needle's point compar'd to it,

So

# O C T O B E R hath XXXI Days.

Sol in the Scorpion naturally inclines  
 To fogs, foul weather, chilly dews, and winds:  
 The Summer's stol'n away, our glaſs doth run,  
 And while we speak the present minute's gone.  
 No art preserves from age; devouring time  
 Makes ev'ry thing (nay the whole world) resign.

M	W	Saints Days	The Signs	Moon South	Moonth. A	Moonth. & sets	Aspects, & Sun rises and sets.	MMG
D	D	& Weather.						DDG
1	a	Remigius.	Stom.	7 M 225	11 A 13	Sun rises 18° p. 6	20 1	
2	B	18S. af. Trin.	heart	7 5826	Morn.	Sun sets 40° p. 5	21 B	
3	c	Cold rain and	back	8 5227	0 41	□ h 8	22 3	
4	d	bail.	bowels	9 4628	2 12	8 h 8	23 4	
5	e	Cloudy, fit-	belly	10 3829	3 44		24 5	
6	f	Faith.	reins	11 31	5 17	* 8 8	25 6	
7	g	ting the sea-	loins	○ A 24	1 D sets	○ Eclip. invit.	26 7	
8	a	son.	secret	1 19	2 5 A 59		27 8	
9	B	19S. af. Trin.	memb.	2 16	3 6 21	St Denys.	28 B	
10	c	Old Mich d.	bips	3 14	4 6	Cam. & Ox. T. b.	29 D	
11	d	Indifferent	thighs	4 15	5 7 33	△ Q 4	30 11	
12	e	good wea-	knees	5 13	6 8 31		Oct. 12	
13	f	Fr. Ed. Con.	and	6 11	7 9 41	△ 4 8	13	
14	g	ther.	bams	7 5	8 10 59	Sun rises 42° p. 6	31 4	
15	a		legs	7 54	9 Morn.	Sun sets 16° p. 5	4 1	
16	B	20S. af. Trin.	oncles	8 40	10 0 17		5 B	
17	c	Ethelred.	feet	9 24	11 1 32		6 1	
18	d	St. Luke.	and	10 2	12 2 43	□ 4 8	7 1	
19	e	Moift, dark,	toes	10 41	13 3 54	* 8 8	8 1	
20	f	and unsettled	bead	11 21	14 5 4		9 2	
21	g	weather.	face	Morn.	○ D rises	Sun rises 56° p. 6	10 2	
22	a		neck	○ 216	5 A 5	Sun sets 31° p. 5	11 1	
23	B	21S. af. Trin.	and	○ 44	17 5 20		12	
24	c	Storms of	throat	1 30	18 5 41	6 O 8	13	
25	d	K.G.III. Ia.	arms	2 19	19 6 10	St Crispin.	14	
26	e	K.G.III. pro.	should.	3 10	20 6 52		15	
27	f	rain or snow.	breast	4 5	21 7 49	Sun rises 81° p. 7	16	
28	g	St. Simon	Stom.	4 59	22 9 1	8 h O. 8 h 8	17	
29	a	and Jude.	heart	5 56	23 10 24	Sun sets 48° p. 4	18	
30	B	22S. af. Trin.	and	6 50	24 11 51		19	
31	c		back	7 42	25 Morn.	6 2 8	20	

larse, OCTOBER, 1763.

D	h	4
D	8	11
1	18	17
6	6	18
11	6	17
16	6	16
21	5	16
26	5	16

New Moon 7th Day at 1 in the Morn. -  
 First Quarter 13th Day at 8 at Night.  
 Full Moon 21st Day at 11 at Night.  
 Last Quarter 29th Day at 7 at Night.

& Sun sets.	M	M	O	D		♂	♀	♂	♀	Monthly Observations.			
				D	D	o	1	mp	m	mp	m	mp	
8 p. 6	20	1	8	0	22	43	6	2	2	So it to Heaven may be com-			
9 p. 5	21	B	8	59	6	28	6	3	3	pared fit ;			
8	22	3	9	58	20	37	7	4	4	And it doth hang and hath			
	23	4	10	57	5	14	8	5	6	its residence			
	24	5	11	56	20	12	8	7	7	I' th' center of the sky's cir-			
	25	6	12	55	5	25	9	8	8	cumference.			
	26	7	13	54	20	40	9	9	9	Man is a little world, where-			
	27	8	14	53	5	15	10	10	10	in we see			
	28	B	15	53	20	43	10	12	11	The great world's abstract or			
T.b.	29	10	16	53	5	15	11	13	12	epitome ;			
4	30	11	17	52	19	20	12	14	13	And if we note each linament			
O	31	12	18	52	1	15	12	16	14	and limb,			
2	13	19	52	16	7	13	17	14	There are not many parts un-				
2' p. 6	31	4	20	51	28	53	14	18	15	hang'd of him ;			
2' p. 5	4	15	21	51	11	15	19	14	19	15	His hair, which to his head		
	5	B	22	51	23	30	15	20	16	and beard belongs,			
	6	7	23	50	5	32	15	22	16	Hangs, if not turn'd up with			
	7	18	24	50	17	23	16	23	17	the Barber's tongs ;			
	8	19	25	50	29	11	17	24	17	His arms, his hands, his legs,			
	9	20	26	49	10	59	17	25	15	and feet, we know,			
	10	21	27	49	22	44	18	27	17	Do all hang pendant down-			
	11	22	28	49	4	8	37	19	28	wards as they grow ;			
	12	B	29	49	16	36	19	29	17	There's nothing of him that			
	13	24	0	49	29	26	20	m	16	doth hanging skip,			
	14	25	1	49	10	11	53	21	2	Except his ears, his nether			
	15	26	2	49	23	19	21	3	15	teeth, and lip ;			
	16	27	3	49	5	25	58	22	4	14	And when he's crost, or ful-		
	17	28	4	49	18	53	22	6	13	len any way,			
	18	29	5	49	2	8	7	12	He mumps and lowers, and				
	19	B	6	49	15	40	24	8	10	hangs the lip, they say.			
	20	31	7	49	29	26	24	9	9	That			

# NOVEMBER hath XXX Days.

Mars, with the pois'rous Scorpion, doth prepare  
 To meet and join Heaven's glorious charioteer.  
 Heat begets heat, and flames do flames create :  
 Here's matter lodg'd for fiery bleeding fate.  
 They're now withdrawn to Nature's private cell,  
 That magazine where thunder-makers dwell.

M	W	Saints Days	The Moon	Y	Moonr.	Alpcts.	& Sun	M	M.
D	D	& Weather.	Signs	South	A.	& sets	rises and sets.	D	Q
1	d	All Saints.	bowels	8M 32	26	1M 18	Sun rises 27 <sup>1</sup> p.7	21	1
2	e	All Souls.	belly	9 21	27	2 46	Sun sets 41 <sup>1</sup> p.4	22	2
3	f	Wind and	reins	10 11	28	4 17		23	3
4	g	snow, or	loins	11 4	29	5 49	8 h ♀	24	4
5	a	Powder Plot.	secret	11 58	●	D sets		25	5
6	B	23 S.af. Trin.	nemb	0A 58	1	4A 50		26	B
7	c	Term beg.	hips	1 59	2	5 26	P. Hen. Fed b.	27	7
8	d	cold rain.	thighs	3 2	3	6 18	Sun rises 30 <sup>1</sup> p.7	28	8
9	e		knees	4 2	4	7 25	Sun sets 28 <sup>1</sup> p.4	29	9
10	f		hams	4 58	5	8 42		30	10
11	g	Mar inmas.	legs	5 49	6	9 2		31	11
12	a	Old Allhall.	ancles	6 36	7	11 19		32	12
13	B	24 S.af. Trin.	feet	7 19	8	Morn		33	B
14	c	Considerable	and	8 0	9	0 32	Sun rises 41 <sup>1</sup> p.7	34	14
15	d	drunfal.	toes	8 3	10	1 43	8 h ♀	35	15
16	e	Clear frosty.	head	9 18	11	2 53	Sun sets 17 <sup>1</sup> p.4	36	16
17	f	Hugh Bp Lin.	face	9 56	12	4 3		37	1
18	g	air, and	neck	10 37	13	5 13		38	1
19	a	pleasant for	and	11 22	14	6 25		39	1
20	B	25 S.af. Trin.	throat	Morn	0	D rises		40	1
21	c	the season.	arms	0 10	16	4A 15	Sun rises 50 <sup>1</sup> p.7	41	2
22	d	O Mart. D.	should	1 3	17	4 47	Sun sets 8 <sup>1</sup> p.4	42	2
23	e	St Clement.	breast	1 57	18	4 57		43	2
24	f		and	2 53	19	6 54	* 8 ♀	44	3
25	g	P.W. Hen. b.	stom.	3 48	20	8 14		45	4
26	a	Very cold.	heart	4 40	21	9 37	8 4 ♀	46	5
27	B	Adv. Sund.	back	5 31	22	11 2		47	6
28	c	Term ends.	bowels	6 20	23	Morn.	Sun rises at 8	48	7
29	d		belly	7 10	24	0 21	Sun sets 59 <sup>1</sup> p.3	49	8
30	e	St Andrew.	reins	7 59	25	1 44	P. De. Wales	50	9

Pearle

Old  
Style

M  
D

M  
D

Pearle. NOVEMBER, 1763.

D	h	4
D	8	11
6	1	15
11	6	4 15
16	11	4 14
21	16	3 14
26	21	3 13
	26	2 12

New Moon 5th Day at 11 in the Morn.  
First Quarter 12th Day at Noon.  
Full Moon 20th Day at 5 at Night.  
Last Quarter 28th Day at 5 at Night.

M	M	○	m	D	m	♂	♀	♀	Monthly Observations.
D	D	o	1	o	1	m	m	m	
21	1	8	49	13	43	25	11	8	That I a wise man's sayings must approve,
22	2	9	49	28	32	25	12	B	Man is a tree, whose root doth grow above,
23	3	10	50	13	28	26	13	5	Within his brains, whose sprigs and branches round,
24	4	11	50	28	23	27	14	4	On the 7th Day of this Month 1745, Prince
25	5	12	50	13	m 42	27	16	3	Henry-Frederick (the 4th Son of her Royal Highness the
26	B	13	51	28	39	28	17	3	Princess Dowager of Wales) was born.
27	7	14	51	13	219	28	18	2	From head to foot grow downward to the ground.
28	8	15	51	27	35	29	19	2	The word dependant doth in- form our reason,
29	9	16	52	11	22	20			That hanging will be never out of season.
30	10	17	52	24	39	0	22	1	All that depends doth hang, Which doth express,
31	11	18	52	7	32	1	23	D	The 25th Day of this Month 1743, the hopeful
Z	12	19	53	19	10	1	24	1	Prince William-Henry, the 3d Son of her Royal Highness the Princess Dowager of Wales was born.
0	B	20	53	2	X 11	2	26	2	On the 30th Day of this Month 1719, was born her Royal Highness the Princess Dowager of Wales.
1	14	21	54	14	7	2	27	2	That
4	15	22	55	25	57	3	28	3	
5	16	23	55	7	43	4	29	4	
6	17	24	56	19	33	4	2		
7	18	25	56	1	8	21	5	6	
8	19	26	57	13	21	6	3	8	
9	B	27	58	25	29	7	4	9	
10	21	28	58	7	II 47	7	5	10	
11	22	29	59	20	7	8	7	11	
12	23	1	C	3	20	0	8	13	
13	24	2	4	1	15	56	9	14	
14	25	3	1	28	58	9	11	15	
15	26	4	2	12	Q 18	10	12	17	
16	B	5	3	25	51	10	13	19	
17	27	6	4	2	m 37	11	14	20	
18	29	7	5	23	39	12	16	21	
19	30	8	6	7	2	17	12	23	

# DECEMBER hath XXXI Days.

Chronos looks dull, the Crab must change his coat,  
Sol's join'd to Mars in the fallacious Goat.  
Mischief's design'd and aim'd at; but, alas!  
The Statesman's craft parts by the Soldier's pafs;  
Bat yet 't will stir up mischief, make some rue  
In Venice, Holland, ay, and Britain too.

M	W	Saints Days	The	Moon	D	Moon r.	Aspects & Sun	M
D	D	& Weather.	Signs	South	A	& sets	rises and sets.	D
1	f	Remission of	loins	8 M 48	26	3 M 12	Sun rises 2 <sup>1</sup> /p. 8	1
2	g	cold. Fair.	secret	9 40	27	4 43	Sun sets 5 <sup>1</sup> /p.	2
3	a	Very tempe-	memb.	10 43	28	6 14	8 0 4	3
4	B	z S. in Adv.	bips	11 34	●	D sets		4
5	c	rate weather	thighs	0 A 33	1	3 A 54		5
6	d	Nicholas B.	knees	1 37	2	4 55		6
7	e	for the most	hams	2 35	3	6 9	Sun rises 7 <sup>1</sup> /p. 8	7
8	f	Con. V. M.	legs	3 30	4	7 30	Sun sets 5 <sup>2</sup> /p. 3	8
9	g	part.	and	4 20	5	8 50		9
10	a	Now perhaps	ankles	5 5	6	10 6	* 0 3	10
11	B	3 S. in Adv.	feet	5 47	7	11 19		11
12	c	some frost	toes	6 26	8	Morn	8 4 8	12
13	d	Lucy, Virg	head	7 4	9	0 25		13
14	e	Ember Week	hand	7 42	10	1 35	Sun rises 11 <sup>1</sup> /p. 8	14
15	f	and snow.	face	8 24	11	2 44	Sun sets 4 <sup>8</sup> /p. 3	15
16	g	Camb. T. E.	neck	9 8	12	3 58		16
17	a	Oxf. T. E.	throat	9 53	13	5 13		17
18	B	4 S. in Adv.	arms	10 42	14	6 29		18
19	c	Rough winds	and	11 36	15	7 44	Sun rises 12 <sup>1</sup> /p. 8	19
20	d		should.	Morn	0	D rises	Sun sets 4 <sup>8</sup> /p. 3	20
21	e	St Thomas.	breast	0 32	17	4 A 25	Short Day.	21
22	f	Snow or sleet	stoma.	1 29	18	5 42	* 3 8	22
23	g	Cold rain.	heart	2 24	19	7 6	△ h 0	23
24	a		back	3 17	20	8 33		24
25	B	Christ. Day.	bowels	4 8	21	9 57	△ h 8	25
26	c	St Stephen.	belly	4 59	22	11 9		26
27	d	St John, Ev.	reins	5 53	23	Morn.		27
28	e	Innocents.	loins	6 31	24	0 42	6 0 8	28
29	f	Stormy winds	secret	7 21	25	2 7	Sun rises 10 <sup>1</sup> /p. 8	29
30	g		memb.	8 12	26	3 36	Sun sets 5 <sup>0</sup> /p. 3	30
31	a	Silvester.	hips	9 6	27	5 6		31

Pearse. DECEMBER, 1763.

D	$\frac{h}{8}$	R	4
1	2	12	
6	2	11	
11	2	10	
16	2	10	
21	1	9	
26	1	9	

New Moon 4th Day at 10 at Night.

First Quarter 12th Day at 7 in the Morn.

Full Moon 20th Day at 10 in the Morn.

Full Moon 26th Day at 10 in the Mean.  
Last Quarter 27th Day at 2 in the Afternoon.

# A TABLE of the common Notes and Moveable Feasts for the Year 1763.

Golden Number	16	Shrove Sunday,	Feb. 13
Epact	15	Easter Sunday,	April 3
Dominical Letter	B.	Holy Thursday,	May 12
Cycle of the Sun	8	Whit-Sunday,	May 22
Roman Indiction	11	Advent Sunday,	Nov. 27

## The Names and Characters of the Planets, with the *Dragon's Head and Tail.*

♄ Saturn.	{	♂ Sol, the Sun.	♀ Venus.	
♃ Jupiter.			☿ Mercury.	
♂ Mars.			☽ The Moon.	
♌ Dragon's Head.		{	△ Trine.	
			□ Square.	

## The Characters of the ASPECTS.

☌ Conjunction	{	☍ Opposition	△ Trine.
* Sextile			□ Square.

## Upon the Twelve SIGNS.

- ♈ *Aries*, the Head and Face the horned Ram doth rule,
- ♉ *Taurus*, the Neck and Throat are govern'd by the Bull,
- ♊ *Gemini*, the Twins the Arms and Shoulders guide,
- ♋ *Cancer*, the Crab-fish on the crafty Breast doth ride,
- ♌ *Leo*, the Lyon strong claims both the Back and Heart,
- ♍ *Virgo*, the Virgin chaste defends the Belly-part,
- ♎ *Libra*, the equal Balance weigh the Reins and Loins,
- ♏ *Scorpio*, the Scorpion the Secrets always claims,
- ♐ *Sagittarius*, the Archer boldly owns the Thighs his Due,
- ♑ *Capricorn*, the Goat will have the Knees to view,
- ♒ *Aquarius*, the Legs and Ancles governs true,
- ♓ *Pisces*, the Feet, with which I bid adieu.

PEARSE, 1763.

THE  
SECOND PART  
OF THE  
*COELESTIAL DIARY.*

CONTAINING

A CHRONOLOGY of many Remarkable Accidents and Occurrences, that have happened since the Birth of our Lord JESUS CHRIST.

With Astrological Observations upon the Eclipses, Solar Ingresses, various Positions, Aspects, and Configurations of the Heavenly Bodies; with many other considerable Matters.

By *SALEM PEARSE*,  
Student in Phyfick and the Cœlestial Sciences.

WISDOM vii. 17, 18, 19, 20.

*For he bath given me certain Knowledge of Things that are, namely, to know how the World was made, and the Operations of the Elements; the Beginning, Ending, and Midst of the Times; the Alterations of the Turnings of the Sun, and Change of Seasons; the Circuits of Years, and Positions of Stars; the Names of living Creatures, and the Furies of wild Beasts; the Violence of Winds, and the Reasoning of Men; the Diversities of Plants, and the Virtues of Roots.*

LONDON:

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STATIONERS.

# PEARSE, 1763.

A TABLE shewing the Time of the Seven Stars coming to the South every fifth Day throughout the Year 1763.

Months.	Days.		Days.		Days.		Days.		Days.		Days.	
	1.	6	11	16	21	26	31	H. M.				
January	8A 42	8A 20	7A 58	7A 37	7A 16	6A 55	6A 34					
February	6 30	6 10	5 50	5 30	5 11	4 52						
March	4 41	4 22	4 4	3 45	3 27	3 9	2 51					
April	2 47	2 29	2 11	1 52	1 34	1 15						
May	0 56	0 37	0 17	11M 57	11M 37	11M 17	10M 58					
June	10M 53	10M 32	10M 12	9 52	9 31	9 10						
July	8 49	8 28	8 8	7 47	7 27	7 7	6 48					
August	6 43	6 24	6 5	5 46	5 28	5 9	4 51					
September	4 47	4 29	4 11	3 53	3 35	3 17						
October	2 59	2 41	2 22	2 4	1 45	1 26	1 6					
November	1 3	0 43	0 23	0A 2	11A 41	11A 20	A					
December	10A 59	10A 37	10A 16	9 54	9 31	9 9	8 47					

## The Use of the TABLE.

FIND your Month (wherein you desire to know at what Time the *Pleiades* come to South) on the left Side of the Table, and the Day of the Month on the Head; and in the Angle, or Place of Meeting, you have the true Time set over-against every Month, for every Day.

As for Example.

On the 11th Day of January, the Seven Stars come to South at 58 min. past 7 at Night, and July 21, at 27 min. past 7 in the Morning.

Note, M stands for Morning; A for Afternoon; and where there is no Letter, it is the same with the last preceding, &c.

Note also, These following fixed Stars, viz.

H. M.

The Bull's Eye	comes to S.	} 0 49 3 3 6 23 9 4	} after the Seven Stars.
The great Dog			
The Lion's Heart			
Spica $\alpha$			
Cor $\eta$	comes to S.	} 11 12 9 1	} before the Seven Stars.
The Harp			

PEARSE, 1763.

A Table shewing what two Days in the Year are of the same Length.

Trop. S.	May	July	Ap.	Aug.	Mar.	Sep.	Feb.	Oct.	Jan.	Nov.
June 21	22	22	20	23	20	23	16	25	13	28
20	22	21	19	24	19	24	15	26	12	29
19	23	20	18	25	18	25	14	27	11	30
18	24	19	25	17	26	17	26	13	28	
17	25	18	26	16	27	16	27	12	29	
16	26	17	27	15	28	15	28	11	29	
15	27	16	28	14	29	14	29	10	28	
14	28	15	29	13	30	13	30	9	27	
13	29	14	30	12	Sept.	12	Oct.	8	26	
12	30	13	31	11	Mar.	11	Oct.	7	25	
June 11	July 1	2	3	2	1	2	1	6	24	
10	9	8	7	6	9	8	4	5	30	
9	8	7	6	5	8	7	6	5	29	
8	7	6	5	4	6	5	4	5	28	
7	6	5	4	3	5	4	3	2	27	
6	5	4	3	2	3	2	1	2	16	
5	7	6	5	4	6	5	4	3	15	
4	8	7	6	5	8	7	6	5	14	
3	9	4	9	2	10	10	11	9	23	
2	10	3	10	1	11	11	Feb.	8	22	
1	11	11	12	1	Mar.	12	Oct.	13	21	
May 31	12	30	13	12	31	13	14	13	20	21
30	13	29	14	13	30	14	15	14	19	20
29	14	28	15	12	29	14	16	15	18	19
28	15	27	16	12	28	15	25	16	20	21
27	16	26	17	1	27	16	24	17	19	22
26	17	25	18	1	26	17	23	18	18	23
25	18	24	19	23	25	18	22	19	17	24
24	19	23	20	22	26	19	21	22	16	25
23	20	22	21	21	27	21	19	23	15	26
22	21	21	22		27		17	24	14	27

*A Chronological Account of many remarkable Accidents and Occurrences that have happened in most Ages, since the Birth of our Lord JESUS CHRIST, to this present Year 1763.*

*Years of Christ.*

*Years f. c.*

1	<b>H</b> IS Year began about the 42d Year of <i>Augustus Cæsar</i> , JESUS CHRIST taking our Nature upon him (by the Will of GOD) was born of the Virgin <i>Mary</i> . This was in the Age of the World 3947.	1763
30	CHRIST baptized.	1733
33	The Passion and Resurrection of our Saviour.	1730
34	Stephen's Martyrdom, and St. Paul's Conversion.	1729
35	<i>Rome</i> , by the Command of <i>Nero</i> , was set on Fire.	1718
63	The Beginning of the Persecutions of the <i>Christians</i> , in the tenth Year of <i>Nero's Reign</i> . Note, In the Space of 241 Years, the <i>Christians</i> were persecuted ten Times; after which sprung up one <i>Constantine</i> , who made an Edict for <i>Christian Liberty</i> , he being the first <i>Christian Emperor</i> .	1700
361	<i>Athanasius</i> writes against <i>Arius</i> .	1402
430	St. <i>Austin</i> died.	1334
569	The Tower of <i>London</i> built.	1194
635	<i>Cambridge</i> made an University.	1128
819	<i>Egbert</i> made <i>England</i> the first Monarchy.	944
871	<i>Oxford</i> made an University.	892
1066	<i>William Duke of Normandy</i> conquered <i>England</i> .	697
1120	Thunder and Lightning from Nov. 12. to Nov. 27.	643
1190	<i>Henry Fitz-Alwin</i> , first Lord-Mayor of <i>London</i> , in the 2d Year of <i>Richard I.</i>	573
1209	<i>London-Bridge</i> built with Stone.	554
1269	The <i>Thames</i> frozen from St. <i>Andrew's</i> till <i>Can-demas</i> .	494
1289	An exceeding hot Summer, many died thro' Extremity of Heat.	474
1315	Abundance of Rain in Harvest, so that Horses, Dogs, &c. were eaten.	448
1378	The Invention of Guns.	385
1397	<i>Tamerlane</i> , the <i>Scythian</i> , slew 20,000 <i>Turks</i> , and took <i>Bajazet</i> the Emperor, and bound him in	Letters

*A Chronology, &c. 1763.*

<i>Years of Christ.</i>	<i>Years since.</i>
Fetters of Gold, and carried him about in an Iron Cage.	366
1407 A Pestilence in <i>London</i> , whereof died 30,000.	356
1410 Richard <i>Whittington</i> , four times Lord-Mayor of <i>London</i> , was buried in <i>St. Michael's Royal</i> in <i>Thames-street</i> .	353
1440 The Art of Printing first invented by <i>John Faustus</i> in <i>Germany</i> .	323
1527 Rain (almost continually) from the 3d of <i>June</i> ; after which followed a Scarcity, that many died for want of Bread.	236
1563 A terrible Thunder and Lightning, which continued from the 1st of <i>Dec.</i> to the 12th.	200
1567 The <i>Royal-Exchange</i> finished.	196
1585 Tobacco first used in <i>England</i> .	178
1589 The ingenious <i>William Lee</i> , M. A. of <i>St. John's College, Cambridge</i> , devised the Stocking Frame; but being despised, went to <i>France</i> .	174
1597 Great Waters, and Scarcity of Corn; Wheat at 14 s. a Bushel.	166
1602 A Plague in <i>London</i> , whereof died 30,578 Persons.	161
1605 The Powder Treason.	158
1607 The Bible new translated and finished.	156
1614 The <i>New River</i> brought to <i>London</i> .	149
1625 A Plague in <i>London</i> , whereof died 35,417; of all Diseases 54,265.	138
1625 <i>William-Middleton Child</i> , of <i>Hale</i> in <i>Lancashire</i> , died, aged 50 Years; he was as large as <i>Goliab of Gath</i> .	138
1630 <i>New England</i> planted.	133
1648 King <i>Charles I.</i> traitorously beheaded.	115
1660 King <i>Charles II.</i> restored, <i>May 29.</i>	103
1665 Three blazing Stars appeared: And the same Year a Plague in <i>London</i> , whereof died 68,586; but of all Diseases near 100,000.	98
1666 13,200 Houses burnt in <i>London</i> .	97
1676 600 Houses burnt in <i>Southwark</i> .	87
1678 <i>Green, Bury, and Hill</i> executed for murdering <i>Sir Edmundbury Godfrey</i> .	85
1680 A great Comet appeared in <i>Dec.</i> and <i>Jan.</i>	83
	1684

## A Chronology, &c. 1763.

Years of Christ.	Years since.	Year
1684 A great 13 Weeks Frost, with a Fair kept upon the frozen <i>Thames</i> .	79	174
1685 Duke of <i>Monmouth</i> beheaded, <i>July 15.</i>	78	174
1688 The seven Bishops sent to the <i>Tower</i> , and the pretended Prince of <i>Wales</i> born.	75	174
1689 K. <i>William</i> and Q. <i>Mary</i> crowned, <i>April 11.</i>	74	174
1695 The <i>French Plot</i> , and intended Invasion.	68	174
1696 The Money new coined.	67	174
1698 Peace with <i>France</i> ; and the Czar of <i>Muscovy</i> at <i>London</i> .	65	174
1701 King <i>James II.</i> (who abdicated his Kingdom, <i>Dec. 18, 1688</i> ) died at <i>St. Germains in France</i> , <i>Sept. 5.</i>	62	174
1702 War declared against <i>France</i> and <i>Spain</i> .	61	174
1703 <i>Nov. 27.</i> a terrible Wind.	60	174
1707 <i>May 1.</i> <i>England</i> and <i>Scotland</i> united.	56	174
1708 The pretended Pr. of <i>Wales</i> attempted to invade <i>Great-Britain</i> .	55	174
1708 <i>St. Paul's</i> in <i>London</i> finished.	55	174
1713 <i>May 5.</i> A Peace with <i>France</i> proclaimed.	50	174
1714 Q. <i>Anne</i> died <i>Aug. 1.</i> and K. <i>George I.</i> began.	49	174
1715 The Rebellion at <i>Preston</i> .	48	174
1718 <i>March 6.</i> the Beginning of the Lights in the <i>North</i> .	45	174
1719 <i>March 19.</i> the great fiery Meteor.	44	174
1723 The Deprivation of the Bishop of <i>Rochester</i> .	40	174
1726 <i>Oct. 8.</i> The Heavens seemed to burn like flaming Fire, at Eight at Night.	37	174
1727 King <i>George I.</i> died <i>June 11.</i> and King <i>George II.</i> proclaimed the 15th.	36	174
1730 <i>Fulham</i> and <i>Putney-Bridge</i> built of Timber.	33	174
1733 <i>Feb. 21.</i> Broad Pieces of Gold called in, and coined into <i>Guineas</i> .	30	174
1737 <i>Stocks-Market</i> removed to <i>Fleet-Ditch</i> in <i>September</i> , Sir <i>John Thompson</i> Lord-Mayor.	26	174
1738 <i>Westminster Bridge</i> begun.	25	174
1739 <i>June 3.</i> Mr. <i>Whitefield</i> preached to a giddy People in <i>Moorfields, London</i> ; Text, St. <i>Luke xviii. 14.</i>	24	174
1739 War declared against <i>Spain</i> , <i>Oct. 23.</i>	24	174
1740 Died the <i>Pope</i> , the King of <i>Prussia</i> , the Emperor of <i>Germany</i> , and the Empress of <i>Russia</i> .	23	1742

## A Chronology, &c. 1763.

Years of Christ.	Years since.
1742 A Comet appeared from Feb. 18, to March 21.	21
1743 A very splendid Comet was seen Decem. 23, in the Signs <i>Aries</i> and <i>Pisces</i> ; it continued visible to Feb. 20.	20
1744 March 4, France declared War against <i>England</i> , and March 31, Great-Britain proclaimed War against <i>France</i> .	19
1745 Commodore <i>Warren</i> and Capt. <i>Pepperel</i> took the Island of <i>Cape-Breton</i> from the <i>French</i> .	18
1745 In August the Pretender's Son, by <i>French</i> Assistance, landed in <i>Scotland</i> , raised a Rebellion, ravaged great Part of that Country, and made an Excursion into <i>England</i> .	18
1745 Marshal <i>Belleisle</i> and his Brother brought Prisoners to <i>Windsor Castle</i> .	18
1746 The heroic and magnanimous Duke of <i>Cumberland</i> defeated the Rebel Army, April 16, and quelled the Rebellion.	17
1748 A general Peace, signed Oct. 7.	15
1749 <i>Cape-Breton</i> given up to the <i>French</i> .	14
1750 The <i>British</i> Fishery erected.	13
1751 Prince of <i>Wales</i> died.	12
1752 The Date and Calendar altered.	11
1755 <i>Lisbon</i> destroyed by an Earthquake.	8
1756 <i>Angria</i> 's Family and Treasure seized.	7
1756 War declared against <i>France</i> , May 18.	7
1757 Militia Act passed.	6
1757 Count <i>Daun</i> defeated at <i>Lissa</i> by the King of <i>Prussia</i> .	6
1758 <i>Senegal</i> , in <i>Africa</i> , taken by the <i>English</i> ; Capt. <i>A. Millar</i> was the first that passed the Bar.	5
1758 Crevelt Victory obtained by Prince <i>Ferdinand</i> .	5
1758 <i>Cape-Breton</i> taken by <i>Boscawen</i> , <i>Amherst</i> , and <i>Wolfe</i> .	5
1758 <i>Cherburg</i> Forts destroyed by the <i>English</i> .	5
1758 <i>Goree</i> Island taken by the <i>English</i> .	5
1759 <i>Guardaloupe</i> Isle taken by the <i>English</i> .	4
1759 <i>Madras</i> besieged by the <i>French</i> , who were beat off by the <i>English</i> .	4
1759 Admiral <i>Boscawen</i> beat the <i>French</i> Fleet off Cape <i>Lagos</i> .	4

# PEARSE, 1763.

*Years of Christ.*

*Years since.*

1759	Prince Ferdinand's total Defeat of the French near Minden.	4
1759	Kew Bridge built.	4
1759	Ticonderoga and Niagara taken by the English.	4
1759	Crown-Point taken by the English.	4
1759	Quebec taken by the English, under General Wolfe, who was killed in the glorious Conquest.	4
1759	Admiral Hawke beat the French Fleet off Belle-Isle, and defeated their Design of Invasion.	4
1760	Black-Friars Bridge begun.	3
1760	King George II. died October 25, and King George III. began his Reign.	3
1761	King George III. and Queen Charlotte crowned September 22.	2
1762	A great Snow for 18 Days together.	1

*Of the four Quarters of the Year 1763. And, first, of the Winter Quarter.*

**T**HE Winter Quarter commences, astronomically, on Tuesday the 21<sup>st</sup> Day of December 1763, at 57 Minutes past 6 in the Afternoon, when 7 Degrees of Leo ascend the Horizon, and 16 Degrees of Aries culminate near the Place of the late great Conjunction; *Saturn* and *Jupiter* are posited in the Tenth House, and the *Moon* is in the Eighth; *Mars* possesses the Seventh House, *Venus* is in the Sixth, and the *Sun* in the Fifth. Thus stands the Position of the Heavens, at this solar Entrance into the first Scruple of the South Tropical Sign *Capricorn*, making our shortest Day and longest Night.

Now, now, behold this darksome season, and  
 The rugged posture of our barren land ;  
 And view the trees and groves, that lately were  
 Glorious array'd : Now rifled they are  
 Of all their fruit and pomp, likewise their pride ;  
 Too naked stand, in this cold winter tide,  
 With pinching winds, and often hoary frost ;  
 Thus, full as oft, is human nature cross'd.

*The*

PEARSE, 1763.

*The Spring Quarter.*

THE Spring Quarter commences, according to *Scientia Steliarum*, on Sunday the 20th of March, at 42 Minutes past Eight in the Night; then the Sun touches the first Scruple of the Equinoctial Point *Aries*.

*The Summer Quarter*

TAKETH its Beginning, on Tuesday the 21st of June, at 8 Minutes after 7 at Night; the Sun enters the first Minute of the Tropical Sign *Cancer*, which causeth the longest Day and shortest Night.

*The Autumnal Quarter*

TAKES its Beginning on Thursday the 22d of September, at 20 Hours 52 Minutes postmeridian; the Sun at that Time enters the Equinoctial Sign *Libra*, when the Day and Night are of equal Length.

*Of the Eclipses this Year 1763.*

THERE will be but two Eclipses this Year, and both of the Sun, invisible to the Inhabitants of this British Island; they will happen as follows.

The first will be on Wednesday the 13th Day of April, about Noon, invisible; it will fall in the third Decanate of the fiery Sign *Aries*.

*The Effects of this Eclipse.*

It bringeth Grief and Sadness unto Mortals, the Death of a great Woman, and the Destruction of Cattle.

The second Eclipse will be an invisible one, which will happen on Friday, the 7th Day of October, about One in the Morning; it therefore cannot be seen, by reason the Sun will be below the Earth at that Time; it falls in the second Face of  $\Delta$ , and portendeth the Death of a great King, Seditions and Famine.

*A Natural Account of the Weather, and Signs of rainy Weather, from Animals, continued from my last.*

*Now First from Insects.*

**M**R. PERRAULT in his Mechanism of Animals (which is the most curious treatise of all his Phisical Essays) says, that bees, common flies, and many other insects, which have not only the use of smelling, but also seeing and hearing ; yet have nothing but one universal sense, which is a very delicate touch ; for it being impossible that all the objects of the different senses should be known, without some particular motion, which may render them sensible, methinks, (says this learned naturalist) that those insects, which are very small, need have those particles, which form the organ of their senses, much smaller, whence the organ is more easily shaken by the motion of the objects, let it be ever so gentle or slight ; and much otherwise than in great animals where the organ of touching cannot be shaken without some considerable motions.

The ancients, who tried many experiments, and made many observations on bees, and every thing that belongs to them, could never believe that they heard the sound of the brass, though they followed it ; supposing then, that the insects have a very fine delicate touch, perhaps that may be equivalent to the organ of hearing in other animals ; that is to say, that the shaking of the air, which is not perceived by the touch of great animals, is proportioned to that of insects ; so that, to explain what appears to us of the sense of these small creatures, we may say that if the exhalation or vapour which arises from a dead beast, or from honey, or sugar in a box, is capable of touching a fly, or an ant, at so great a distance ; it is also the vapour which comes from the hand which draws the fly thither. From whence I conclude, that the coldness and moisture of the air affects these little insects in such a manner, as to admonish them to retire into shelter, and, by this means, they predict rain.

*Signs*

*Signs of Rain from Men.*

EVEN in men, aches, wounds, and corns are more troublesome either towards rain, or towards frost; for the one makes the humours of the body to abound more, and the other makes them sharper; both of which extremes bring the gout. The very body of all animals and vegetables is (as it were) a contexture of hygrometers, barometers, and thermometers; for the humours with which the organised bodies are replenished, increase or decrease according to the different dispositions of the air.

A late ingenious author (Mr. Handley, in his *Mechanical Essays on the Animal Economy*, p. 454, &c.) says, all the changes that happen, either by heat, or cold, to fermenting liquors, are caused by the alteration of either the gravity or spring of the air; and it is for the same reason, that some people, by their pains and aches, are so often weather-wise; Their blood being more rarified against wet weather, or high winds, will more forcibly press the sensible membranes, whereby pains will be felt, which they felt not before.

If the air be too hot, especially if moist withal, it disposes the body to malignant fevers; and if the heat be excessive, (though without moisture) it produces diary fevers, and, what the ancients called putrid perspiration being too great, the humours must remain viscid and dry, and so unfit for circulation.

The air being filled with vapours, its elasticity is weakened, the fibres of the body are relaxed, and the pores obstructed; which will make the blood apt to dispose a slimy lensor on the sides of Capillary arteries and orifices of the glands, which will be apt to produce agues, and more especially if cold be added to the moisture of the air; for cold binds up and makes the blood more compact, whereby its motion becomes slower, and its viscosity greater, and so produces the distemper.

*Signs of Rain from solid Bodies.*

STONES (especially marble) when they sweat (or rather seem to sweat) and boxes and doors (especially deal) and pegs of wood when they draw and wind hard, are signs

signs of wet weather, though the former be but from an outward cause, for that the stones are so hard and solid as not to admit the moisture of the air, and therefore it only lies upon the superficies of the stones; the latter is an inward swelling of the body of the wood itself, caused by the admission of the air through its pores. For the air, pressing upon the aqueous particles floating in it, forces them into the slender tubes of the wood, where they meet with no resistance, the particles of air being too large to enter the same; from whence it appears that the component particles of water are less than those of air.

Mr. Ozanam says, that the moist vapours do readily insinuate into wood, especially that which is light and dry, as being extremely porous, insomuch that they are sometimes made use of for dilating and breaking the hardest bodies, particularly mill-stones. For, when a rock is cut into a cylinder, they divide that into several lesser cylinders, by making several holes round the great cylinder, at distances proportional to the designed thickness of the mill stones, and filling them with as many pieces of fallow wood dried in an oven; for, when wet weather comes, these wedges or pieces of wood are so impregnated with the moist corpuscula of the air, that they swell and break, or separate the cylindrical rock into several mill-stones.

The hardest and most solid wood will swell by the moisture of the air, as appears by the difficulty of shutting our doors and windows in wet weather.

The humidity of the air insinuates itself, not only into the wood, but likewise into the hardest bodies, which are not destitute of pores, and especially into the light bodies which take up a great space. And hence it is, that Mr. Pascal, (in his treatise of the Equilibrium of Liquors) says, that if a pair of scales continues in aequilibrio, when loaded with two equal weights, one of which is of a more voluminous substance than the other, as cotton, or any body of a lesser specific gravity, the balance will depart from its equilibrium, and incline to that more voluminous weight, when the air is condensed with vapours. For the watery particles with which the air is loaded, will insinuate themselves more readily into this, than into the other weight, which, being less voluminous, must needs have lesser pores.

But,

But, of all the bodies that are apt to imbibe the moisture of the air, I know of none more such, than the salt of any hot plant or saltpetre well calcined, which, upon the least moisture of the air, melts readily into water, so as to weigh three or four times as much as before. For this is the common quality of almost all salts, that they are easily impregnated with the bodies contained in the air, and accordingly, when the salt at a table is moister than ordinary, we take it for a certain sign of approaching rain, as denoting that the air is loaded with moist vapours which will quickly dissolve into rain.

### *Signs of Rain from Lakes.*

**A**T Penford in Staffordshire, is a lake that foretels rain; though it be a standing lake, yet it is seldom dry and tolerably clear in settled fair weather; only against rain it becomes troubled, rising full of bubbles, and in a little time thickening at the top into a yellow scum, which presently, as it rains, vanishes away, and the water recovers again its former colour and clearness. All which has frequently been observed, and found to be true by the worthy Mr. Fowler, an inhabitant of that place, who freely confessed, that he had often been admonished by it, in time of harvest, to fetch in his corn, and, at other times, made the same use of it as we do of weather-glasses, or other hygrometers. The yellow scum on the superficies of the water can be nothing else in my opinion than sulphureous vapours, whose ascent, being hindered by the pressure of the watery atmosphere, at those times causes that ebullition and fermentation on the top of the water, which afterwards thickens into that yellow scum. For the water of all lakes is more or less impregnated with a crude sulphur, occasioned by its stagnation, which must needs emit contagious vapours, insomuch that sometimes birds have been suffocated by them in endeavouring to fly over them.

### *Signs of wet or fair Weather, from the Disposition of the Atmosphere.*

**T**HE revd. and ingenious Mr. Saul (in his *History and Philosophical Account of the Barometer*) says, that so long as

as the air continues heavy (being either condensed, or accumulated in quantity) the vapours will be sustained, and the weather hold fair; but if the air, by any rarification or diminution of its quantity, turns lighter, vapours, which were before in equilibrio with it, will preponderate, and, being heavier than the air in which they floated, will consequently descend. In their descent, as they approach nearer to each other, and are continually checked by the resistance of the air, they must be condensed; and this condensation of the falling vapours will gradually increase, till they are compressed and collected into small particles or globuli of water; and these again, incorporating with others in their farther descent, are at last formed into bigger drops, and fall down in showers of rain; and these showers will be more or less violent, and the drops larger or smaller, in proportion to the quantity of the falling vapours, and the height from whence they descend.

*Signs of Rain from the Planets and Stars: First from the Sun.*

**I**F the Sun at his rising looks red and broader than usual, then many moist vapours are gathering from the sea, the air is thickening, and the sun-beams diffused in it make the face of the planet shew greater than usual, and in a little time you will see the clouds muster and spread the face of the heavens, and the air condensing into a watery body; and if this happen in hot weather (*viz.* summer or autumn) violent showers of rain will fall, but not of long continuance; but, if in winter or spring, settled rains but more moderate. Thus *Virgil Georg. Lib. i.*

Above the rest, the Sun, who never lies,  
Foretels the change of weather in the skies;  
For, if he rise unwilling to his race,  
Clouds on his brow and spots upon his face;  
Or if through mists he shoots his sullen beams,  
Frugal of light, in loose and straggling streams;  
Suspect a drizzling day with southern rain,  
Fatal to fruits and flocks, and promis'd grain.

PLINY,

PLINY, *Natural History*, L. xviii. Ch. 35.

When the *Sun* rises hollow (that is, somewhat obscured by clouds, or hid in the cavity of a cloud) it foretels rain; when the clouds look reddish before sun-rising, it foretels wind: But, if there be a mixture of black clouds with the red, it foretels rain; when the rays of the *Sun* look red, either at its rising or setting, it is a sign of rain.

It has likewise been observed by those that have had long experience of the weather, that, if the *Sun* rises with a bluish circle inclining to white, the air is gross and condensed, and rain will soon follow.

Or if the *Sun* rises pale, and the sky is of a dusky red in the morning, an overcasting will soon ensue, and rain quickly follow upon it, attended with whistling winds; if the clouds look red at sun-rise, there will be a very great tempest. And, if they hang and not move about (from whatever quarter they come) they portend the same again; if the *Sun* rises in a misty muddy colour, and diffuses its rays palish towards the north and south, it denotes rain. So *Pliny*.

If at sun-rising the clouds are dispersed northward and southward, though the *Sun* shines never so clear, there will be rain and wind.

And, as for the sun-setting, it has been observed by Mr. Ozanam, that, if it sets under a thick cloud, there will be rain the next day; or, if it rains immediately, there will be a great deal of wind next day, which is almost the constant consequence of a pale setting *Sun*.

When the *Sun* is involved with clouds, the darker it is, the more tempestuous it will be: But, if the *Sun* seems to be divided, the storm will still be the more violent.

If the *Sun*, at his first rising, has his rays protracted a long way through clouds, and his face obscure, it is a sign of rain.

If the rays of the *Sun* are discovered before he rises himself, it is a sign of rain and wind both.

If a white iris be discovered round about the setting *Sun*, it is a sign of a small tempest that night: If he be surrounded by a little cloud or mist, then expect a vehement tempest;

but

but if he be surrounded by a black circle, from what quarter soever it comes, you may expect a great deal of wind. So far *Pliny*.

If the *Sun* at his rising be encompassed with an iris, which way soever the circle opens, you may expect a wind:

But, more than all, the setting *Sun* survey,  
When down the steep of heaven he drives the day;  
For oft we find him finishing his race,  
With various colours erring on his face.  
If fiery red his glowing globe descends,  
High winds and furious tempests he portends;  
But, if his cheeks are swoln with livid blue,  
He bodes wet weather by his wat'ry hue:  
If dusky spots are vary'd on his brow,  
And, streak'd with red, a troubled colour show;  
That sullen mixture shall at once declare  
Winds, rain, and storms, and elemental war.

F I N I S.

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So  
hich